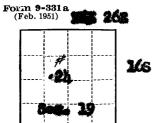
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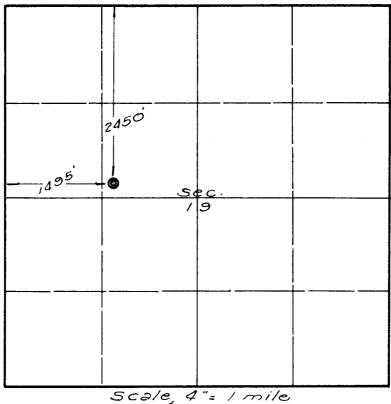
Land Office ... Salt Lake City Unit San AFTEN



UNITED STATES DEPARTMENT OF THE INTERIOR GEOLOGICAL SURVEY

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(% Sec. and Sec. No.) (Twp.) (Range) (Range) (Meridian) (State of Territory) (Stat	ell No. 🎎 is loca	ted	$\begin{Bmatrix} N \\ k \end{Bmatrix}$ line and	ft. from \overline{W} line of \overline{W}	sec 19
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COMPANY Sinclair Oil & Gas Company	
Well Name & No. San Avroyo #24	Lease No. <u>U-06188</u>
Location 2450 feet from the North line and 1495 feet fr	rom the West line.
Being in SRING	
Sec. 19, T16 W., R 26 W., NMPM, Salt Lake Meridian, Grand	i County, Utah.
Ground Elevation 6023	



Surveyed June 14

This is to certify that the above plat was prepared from field notes of actual surveys made by me or under my supervision and that the same are true and correct to the best of my knowledge and belief.

2611

Seal:

Ernest V. Echohawk Registered Land Surveyor

N. M. Reg. #1545 Utah Reg. No. 2611

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PROD 1ST 2ND 3RD 4TH PERFOR DATE 7. SHOT 1. 2. FROM 1794 1812	ATION REPORT ATION REPORT 17-63 NO. HO 17-63 FT. 1799 FT. 1815 FT. 1799 FT. 1815 FT. 1815 FT. 1815 FT. 1815	T: DLES LA TYPE FT. FT. FT. FT. FT. FT. FT.	TOP 1794 4812 DATE DATE	PTH LT91 TO L812 QUARTS TREATED — ACII ENT GALLONS OR	5TH 6TH 7TH 8TH 1799 1815 SIZE & LE D FRAC BARRELS 1	TYPE OF SHOT JUNES. E SAND POL	ANCHO TTC. JNDs L	PRESENT STATUS	SH LS. MIN	Of BETWE FT. FT. MAX. & N. PRES. Of Hex. Of Max.	EZ
PROD 1ST 2ND 3RD 4TH PERFOR DATE 7. SHOT 1. 2. FROM 1794 1812	TO FT. 1799	T: DLES LANY FT. FT. FT. FT. FT. FT. FT. FT.	TOP 1794 1812 ACIA Prac	PTH LITPL TO LIBIZ QUARTS TREATED — ACII FINT GALLONS OR \$00,00	5TH 6TH 7TH 8TH 1799 1815 SIZE & LE D FRAC BARRELS 1	TYPE OF SHOT JUNES. E SAND POL	ANCHO	PRESENT STATUS	SH Cpan 15. MIN 350 300	Of BETWE FT. FT. MAX. & N. PRES. Of Max. Of Max. Of Min.	EN N OIL
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PROD 1ST 2ND 3RD 4TH PERFOR DATE 7. SHOT 1. 2. FROM 1.791 1.812	TO TIME TO	T: DLES W FT.	TOP 1794 1812 ACIA Prac N WELL SET AT DEPTH 356	PTH 1791 TO 1812 QUARTS QUARTS TREATED — ACII ENT GALLONS OR SOO 20 30,00 30,00 GRADE, KIND. RANGE B-10 SS R-2	SIZE & LE D — FRAC BARRELS AND SL THREAD	TYPE OF SHOT JUNES. E SAND POL	ANCHO TC. JNDS L	PRESENT STATUS OR OAD - BB	Open Open Open Open Open Open Open Open	Of BETWE FT. FT. MAX. & N. PRES. Of Max. Of Min.	IN WE
PROD 1ST 2ND 3RD 4TH PERFOR DATE 7. SHOT 1. 2. FROM 1.791 1.812	TO FT. 1799 FT. 1799 FT. 1799 FT. 1815 FT.	T: DLES MANY TYPE FT.	TOP 1794 1812 AC16 Prac N WELL SET AT DEPTH 356 5039	PTH 1791 TO 1812 QUARTS QUARTS TREATED — ACII ENT GALLONS OR SOO 80 CASING. TUBING GRADE. KIND. RANGE B-10 SS R-2 J-55 SS R-2	SIZE & LE D — FRACE BARRELS AND SL THREAD THREAD	TYPE OF SHOT JUNES. E SAND POL	ANCHO TC. JNDS L	PRESENT STATUS OR OAD - BB	Open Open Open Open Open Open Open Open	Of BETWE FT. FT. MAX. & N. PRES. Of Max. Of Min.	EN NOIL

R OF CENT AT FEET PACKER SET AT DEPTH PUIPMENT	FORM	ATION TO PIPE LEF	SIZE TOP	DRILL E CHOKE BOTTOM	SIZE A 19 19 STEM T TOOL OPEN MIN.	ESTS FORMATION FLOWING OF DRILLING?	N PRES. SHUT-IN	OIL	WATER	MUD	ET	WAA TES SATI
PACKER SET AT DEPTH	FORM FROM FROM FROM TOOLS OR R. T. Archie A, L. PLUGGING FROM	ATION TO PIPE LEFT	SIZE TOP TIN HO	DRILL E CHOKE BOTTOM	SIZE A 19 19 STEM T TOOL OPEN MIN.	FORMATION FLOWING FLOWING OF DRILLING?	N PRES. SHUT-IN	OIL	WATER	MUD		TES
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SET AT DEPTH	T TOOLS OR R. T. Arghie A, L. PLUGGING FROM	PIPE LEF	TOP	воттом	OPEN MIN.	FLOWING	SHUT-IN	OIL	WATER	MUD		TES
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AND PL	Archie A, L, 1 PLUGGING FROM	RECORI	<u>D</u>		APPR	ROVED:						
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UNITED STATES DEPARTMENT OF THE INTERIOR GEOLOGICAL SURVEY

	Form appr Budget Bu	roved.	42-R356.5.	•
AND OFFICE	SALT	LAIR		
EASE NUMBE	R			
JNIT	BAN ARI	ROTO		

LESSEE'S MONTHLY REPORT OF OPERATIONS

one .			Des	ver 2	. Colorado		Sig Age	nedent's title .	Mor: DIVISION	OIL & GAS COMPANY IS E. Brown CHIEF CLERK
AND OF 1/4		Range PORM	WELL No.	DAYS PRODUCED	BARRELS OF OIL	GRAVITY	Cu. Fr. of Gas (In thousands)	GALLONS OF GASOLINE RECOVERED	BARRELS OF WATER (If none, so state)	REMARKS (If drilling, depth; if shut down, cause date and result of test for gasoline content of gas)
- 1 22	165	W-C 258	370- 13	Å 30	-	-	18,173	-	-	
16	165	NT 1	113	20	-	-	4,562	-	•	
- I 19	ea se 168	U-06 26B	18 8 24	Special communication of the communication of the composition of the c	ded 12:30 ; nt. Drilling @ 5039' ntion 1796 noid water i of frac. letion Tes	-m. 7 d to w/300 k799 30,0 Ran FARO		9 5/8" 2 Morriso 2 Morriso 2	OD Casim in format 1996', p t. Duof SCF COp set & 179 choles, N ione 179 GAS WELL	e/500 gal ME Acid 50'. 2h Hour Com maximum yahandix h-k799' and k612-

runs or sales of gasoline during the month. (Write "no" where applicable.)

Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.

..... runs or sales of oil;



...... M cu. ft. of gas sold;

Commenced Drilling: 7-9-63 Completed Drilling: 7-14-63

Elevation; 6023 gr.

Casing: 9-5/8" @ 3561 w/300 sx.

11-1/2" 0 5039" W/

SAMPLE TOPS: Castlegate ss 8:40

Mancos sh. 900 1590 Emery as. 231:0

M. Mances sh.

LOG TOPS:

Dakota silt 43:2 1424 Dakota sa Cedar Mountain 1,520

Morrison

4636

LITHOLOGY:

360-810, gray, silty shale and fine grained angular sandstone.

Castlegate sandstone

870-960, shelle, sandy.

Mancos shale

900-1312

900-1590, stable, deak grey with sility 20000

1590-2340, sandstone, very fined grained, shaly, thick somes of shaly siltstone.

2340-4312, shale, dark gray, calcareous, somes of limy shale and thin bedded vitreous donse Limestone.

Dakota silt

4372

4312-4424, siltatone to very fine grained

sandstone and thin black shale.

Dakota sandstone

111211-11520

high-hhoh, sendstone, very fine grained.

bhohaddol, shale, gray with thin very fine

graited sands.

1494-4520, sandstone, fine grained to very fine grained.

Cedar Mountain

4520-4636

4520-4636, shale, pale green, waxy, bentonitic,

lower 25' very fine to fine, silty sandstone.

Morrison

4636 to M

4636-4720, shale pale group to red brown.

1760-4800, shale, red brows.

h800 to ID, sandatone, very fine in Line grained, rounded, clay filled, much indestiled to red brown to green shale and thin, hight gang limogyome.

13

Form 9-331 a (Feb. 1951)

Lopy H. L. E.

(SUBMIT IN TRIPLICATE)

UNITED STATES DEPARTMENT OF THE INTERIOR GEOLOGICAL SURVEY

E t Bureau No. 42-R358.4.

Land Office Sells Lake City

Lease No. B-05185

Unit - San Arreys

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL	SUBSEQUENT REPORT OF WATER SHUT-OFF
NOTICE OF INTENTION TO CHANGE PLANS	SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING.
NOTICE OF INTENTION TO TEST WATER SHUT-OFF	SUBSEQUENT REPORT OF ALTERING CASING.
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL	SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR.
NOTICE OF INTENTION TO SHOOT OR ACIDIZE	SUBSEQUENT REPORT OF ABANDONMENT
NOTICE OF INTENTION TO PULL OR ALTER CASING	SUPPLEMENTARY WELL HISTORY
NOTICE OF INTENTION TO ABANDON WELL	Report of Setting Casing.
	sahas a se chanced amorties

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

SAN ARROTO UNIT	••••••	mly 11.	, 1969.
Well No. is locar	ted $\{ egin{array}{c} \{ \egin{array}{c} \{ \egi$	d ft. from k	f sec
M/W/ successed o.)	Markett Markett	Salt lake	
San Arrayo	or Subdivision)	(State of Territory)	
	DETAILS OF WOI o objective sands; show sizes, weights, and le	RK ingths of proposed casings; indicate muc	lding jobs, cement-
30 min. 0.	/9/63. Drilled to 356'. ground meas. Comented v 5130 s.m. 7/10/63. Woo 2	Ren 11 joints 9-5/8*0 sith 300 sacks casent with how. Tested casing	D 32.3# easing / 25 CaCl., at 900# for

45°

Form 9-331a (Feb. 1951)26E 0#2h 16S Lopy HX.E.

Budget Bureau No. 42-R358.4. Form Approved.

Land Office Salt Lake City

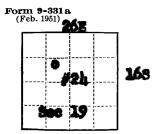
L-06188

Unit San Arroyo

UNITED STATES DEPARTMENT OF THE INTERIOR GEOLOGICAL SURVEY

(SUBMIT IN TRIPLICATE)

			11	DRTS ON WEI	
	INTENTION TO DRILL			REPORT OF WATER SHUT-OFF	
	INTENTION TO CHANGE PLAI		31	REPORT OF SHOOTING OR ACID	1 1
	INTENTION TO TEST WATER		i fi	REPORT OF ALTERING CASING.	1
	INTENTION TO RE-DRILL OR	1	į.	REPORT OF RE-DRILLING OR RE	
	INTENTION TO SHOOT OR A	. 1	M T	REPORT OF ABANDONMENT	
NOTICE OF	INTENTION TO PULL OR ALT	ER CASING			
NOTICE OF	INTENTION TO ABANDON WE	ш	Keport	of setting Casing	
	(INDICATE	ABOVE BY CHECK MARK I	NATURE OF REPORT	NOTICE, OR OTHER DATA)	
an Arro	yo Unit	٠,		July 17,	, 1963
•	_	l2450_ft.from_	$\{S\}$ line and	.1495ft. from (W)	ine of sec19
1/4 Sec	• 19 co. and Sec. No.)	16 S 2	26 E	Salt Lake (Meridian)	
(34 B		• • •		(Meridian)	•
in Arro	уо	Grand (County or		Utah (State or Ter	
	(Field)	(County or	Subdivision)	(State of Tel	rritory)
	surfac	:e 	al :a 6023 6		
he elevat	ion of the decided	por above sea leve	ei 18 <u></u>		
		DETAIL	LS OF WORL	K	
-15-63	Drilled to TD	of 5039. TD Grants	9 4:00 PM 7	_111-63. Ran 159 ; sacks 50-50 Poxmix	joints 4-1/2"OD
	Tested casing	@ 500# for 30	min. Test	ed OK	
	•				
		,			
I understa	nd that this plan of work m	ust receive approval in 1	writing by the Gool	ogical Survey before operations	may be commenced.
	Sinclair Oil &			·	
ompany		Z			
11	601 Danvan Clu	ih Building			
adress	601 Denver Clu	w Dunishik			/
	Denver, Colora	.da	r	N. E. Brown	windan
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Eapy H. L. Z.

(SUBMIT IN TRIPLICATE)

UNITED STATES DEPARTMENT OF THE INTERIOR GEOLOGICAL SURVEY

Budget Bureau No. 42-R358.4. Form Approved.

Land Office Salt Labo City

Unit San Arreyo

SUNDRY NOTICES AND REPORTS ON WELLS

N	OTICE OF INTENTI	ON TO DRILL	SUBSEQUENT REPORT OF WATER SHUT-OFF	
N	OTICE OF INTENTI	ON TO CHANGE PLANS	SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING	
No.	OTICE OF INTENTI	ON TO TEST WATER SHUT-OFF	SUBSEQUENT REPORT OF ALTERING CASING	
NO.	OTICE OF INTENTI	ON TO RE-DRILL OR REPAIR WELL	SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR	
N	OTICE OF INTENTI	ON TO SHOOT OR ACIDIZE	SUBSEQUENT REPORT OF ABANDONMENT	
No.	OTICE OF INTENTI	ON TO PULL OR ALTER CASING	SUPPLEMENTARY WELL HISTORY	XX
N	OTICE OF INTENTIO	ON TO ABANDON WELL		
			COMPLETION REPORT	XX
-		(INDICATE ABOVE BY CHECK MAI	RK NATURE OF REPORT, NOTICE, OR OTHER DATA)	
San	Arreyo Un	d t	aly 25,	, 19. 63
			· "	
We	ll No. 2h	is located 2160 ft. fro	m. N line and 165. ft. from N line of s	sec. 19
***		is located in the first it.	W me or s	300
•	M/A Gen.	16 8	wit 26R Selfs Lebra	
	Sec. and Se	ec. No.) (Twp.)	(Rangé) (Meridian)	
5	(Field)	Cgrand	Utah	
	(Field)	(Count	y or Subdivision) (State or Territory)	
The (Stat 7-16-63 7-17-63	te names of and er	wpected depths to objective sands; show a ing points, and all work, Ran CR-H & Comb.	AILS OF WORK sizes, weights, and lengths of proposed casings; indicate muddir I other important proposed work) Let. Legs. Top coment 1000'. Len 1791-99' & 1612-15' w/w/rt.	
	1996 PB 1996 PB 1996 PB 1996 PB	WOC, Ren CR-N & Comb. Part, Nerrison Formal Spotted 500 gal, acid Dustraced w/30,000 gr pumped in 6 3300f, M FFT, FARO 2000 MCFFD	sizes, weights, and lengths of proposed casings; indicate mudding the important proposed work) Lee, Legs. Top exment 1000's last 1791-99' & 1812-15' W/4/2's broke down & 3000f - 1 BPM, FFF, FAR all acid water, 30,000f sd, 300,000 St, 3700f, 26 BPM, Job complete 6;30 A 2° open line 2° open line, FARO 518 HCPFD 13/61°	0 800 MCFF OF 60. M 7-18-63.
	1996 PB 1996 PB 1996 PB	WOC, Rgn CR-H & Comb. Perf. Herrison Formal Spotted 500 gal acid Duckreced w/30,000 gr pumped in @ 3300f, M FFF, FARO 2000 MCFFD FFT, FERO 1168 MCFFD Ran 155 jte 2-3/8"OD	sizes, weights, and lengths of proposed casings; indicate mudding to ther important proposed work) Les. Legs. Top exment 1000. Legs. Legs. Legs. Top exment 1000. Legs. Legs. Legs. Top exment 1000. Legs.	o 800 MCFP OF 80, M 7-18-63. Choke,
	1996 PB 1996 PB 1996 PB 1996 PB	WOC, Ren CR-N & Comb. Perf. Herrison Formed Spotted 500 gal acid Dustresed w/30,000 gr pumped in 0 3300f, M FYF. FARO 2000 MCFFD FFT. MRO 1168 MCFFD Ren 155 jts 2-3/8"0D 2" open line 2h here normany comple	sizes, weights, and lengths of proposed casings; indicate mudding to ther important proposed work) Lee, Legs. Top esment 1000'. Iden 1791-99' & 1812-15' W/4/2'. broke down & 3000f - 1 EFM, FFF, FAR 11 acid water, 30,000f sd, 300,000 Sf 1 3700f, 26 EFM, Jeb complete 6;30 A 2" open line 2" open line, FARO 518 HCFFD 13/61" thg. set & 1780', FFF, FARO 1000 HD rtien test FARO 518 HCFFD, 13/64" ch lg released h FM 7-21-63.	o 800 MCFP OF 80, M 7-18-63. Choke,
	1996 PB 1996 PB 1996 PB 1996 PB 1996 PB 1996 PB	WOC, Ren CR-H & Comi. Perf. Herrison Formed Spotted 500 gal acid Dustreced w/30,000 gr pumped in 0 3300f, H FFT, FARO 2000 MCFFD FFT, FERO 1168 MCFFD Ran 155 jts 2-3/8*0D 2** open line 2h hr. company comple 1006 TP, 1256 CP. Ri COMPLETED GAS WELL 7-	sizes, weights, and lengths of proposed casings; indicate mudding to ther important proposed work) Lee, Legs. Top esment 1000'. Iden 1791-99' & 1812-15' W/4/2'. broke down & 3000f - 1 EFM, FFF, FAR 11 acid water, 30,000f sd, 300,000 Sf 1 3700f, 26 EFM, Jeb complete 6;30 A 2" open line 2" open line, FARO 518 HCFFD 13/61" thg. set & 1780', FFF, FARO 1000 HD rtien test FARO 518 HCFFD, 13/64" ch lg released h FM 7-21-63.	o 800 MCFP CF 80, M 7-18-63. choke, FFD,
(State 17-16-63) 7-18-63 7-20-63 7-22-63	1996 PB 1996 PB 1996 PB 1996 PB 1996 PB	WOC, Ren CR-H & Comb. Perf. Herrison Formed Spotted 500 gal acid Ductreced w/30,000 gr pumped in @ 3300%, M FFF, FARO 2000 MCFFD FFF, FARO 1168 MCFFD Ran 155 jte 2-3/8"OD 2" open line 2h kr. company comple 100% TP , 125% CP. Ri COMPLETED GAS WELL 7-	sizes, weights, and lengths of proposed casings; indicate mudding to their important proposed work) Les. Legs. Top esment 1000'. Legs. Legs. Legs. Top esment 1000'. Legs. Legs. Legs. Top esment 1000'. Legs.	choke,
(State of State of St	1996 PB 1996 PB 1996 PB 1996 PB 1996 PB	WOC, Ren CR-H & Comb. Perf. Herrison Formed Spotted 500 gal acid Ductreced w/30,000 gr pumped in @ 3300%, M FFF, FARO 2000 MCFFD FFF, FARO 1168 MCFFD Ran 155 jte 2-3/8"OD 2" open line 2h kr. company comple 100% TP , 125% CP. Ri COMPLETED GAS WELL 7-	sizes, weights, and lengths of proposed casings; indicate mudding the important proposed work) Let. Legs. Top esment 1600'. Leg. Legs. Top esment 1600'. Legs. Legs. Legs. Top esment 1600'. Legs. Legs. Legs. Top esment 1600'. Legs. Legs	o 800 MCFP CF 60, M 7_18-63. choke, FFD,
(State 17-16-63) 7-18-63 7-20-63 7-22-63 Core Additional Core	1996 PB 1996 PB 1996 PB 1996 PB 1996 PB 1996 PB	WOC, Ren CRN & Court. Perf. Herrison Fermed Spotted 500 gal acid Dustresed w/30,000 ga pumped in 0 3300f, M FYT, PARO 2000 MCFFD FTT, PARO 1168 MCFFD Ran 155 jts 2-3/8-0D 2" open line 2h hr. company comple 100/TP, 125/CP. R COMPLETED GAS WELL 7- this plan of work must receive approval Sinclair Gil & Gas Com 600 Derreer Club Buildin	sizes, weights, and lengths of proposed casings; indicate mudding the important proposed work) Let. Legs. Top esment 1600'. Leg. Legs. Top esment 1600'. Legs. Legs. Legs. Top esment 1600'. Legs. Legs. Legs. Top esment 1600'. Legs. Legs	o 800 MCFP CF 60, M 7_18-63. choke, FFD,
(State 17-16-63) 7-18-63 7-20-63 7-22-63 Core Additional Core	1996 PB 1996 PB 1996 PB 1996 PB 1996 PB 1996 PB	WOC, Ren CR-H & Comb. Perf. Herrison Fermed Spected 500 gal acid Dustreed w/30,000 gr pumped in 0 3300f, M FYF. PARO 2000 MCFFD FFT. PARO 1168 MCFFD Ren 155 jts 2-3/0 0D 2" open line 2h hr. company comple 1000 TP, 1256 CP. Ri COMPLETED GAS WELL 7.	sizes, weights, and lengths of proposed casings; indicate mudding to ther important proposed work) Les. Legs. Top esment 1000'. Iden 1791-99' & 1812-15' W/1/1'. broke down & 30006' - 1 BPM, FFR, FAR 11 acid water, 30,000' ad, 300,000 SP 37006', 26 BPM, Jeb camplete 6;30 A 2" open line 2" open line, FARO 518 HCFFD 13/61; thg. set & 1780', FFR, FARO 1000 MD 12 tion test FARO 518 HCFFD, 13/61; ch 13 released h FH 7-21-63. 22-63 in writing by the Geological Survey before operations may be complete. By	choke,
(State 17-16-63) 7-18-63 7-20-63 7-22-63 Core Additional Core	1996 PB 1996 PB 1996 PB 1996 PB 1996 PB 1996 PB	WOC, Ren CRN & Court. Perf. Herrison Fermed Spotted 500 gal acid Dustresed w/30,000 ga pumped in 0 3300f, M FYT, PARO 2000 MCFFD FTT, PARO 1168 MCFFD Ran 155 jts 2-3/8-0D 2" open line 2h hr. company comple 100/TP, 125/CP. R COMPLETED GAS WELL 7- this plan of work must receive approval Sinclair Gil & Gas Com 600 Derreer Club Buildin	sizes, weights, and lengths of proposed casings; indicate mudding to ther important proposed work) Let. Legs. Top esment 1000'. Man 1/91-99' & 1812-15' w/1/11. broke down 9 3000' - 1 EFM-FFF, FAR 11 ecid water, 30,000' ed, 300,000 S 7 3700', 26 EFM, Job complete 6;30 A 2" open line. 2" open line, FARO 518 HCFFD 13/61" the. set 9 1/80', FFF, FARO 1000 HD rtion test FARO 518 HCFFD, 13/61" ch lg released h FH 7-21-63. 10 writing by the Geological Survey before operations may be complete.	choke,

Form 9**-331** (May 1963)

aΓ STATES SUBMIT IN T. LICA (Other instructions on re-**STATES**

Form approved.
Budget Bureau No. 42-R1424.
5. LEASE DESIGNATION AND SERIAL NO.

SUNDRY NOTICES AND REPOR	6. IF INDIAN, ALLOTTEE OR TRIBE NA
(Do not use this form for proposals to drill or to deepen or Use "APPLICATION FOR PERMIT—" for :	plug back to a different reservoir.
1.	7. UNIT AGREEMENT NAME
WELL GAS WELL OTHER	San Arroyo Unit
2. NAME OF OPERATOR	8. FARM OR LEASE NAME
Macleir all a Ges Company	San Arrago Init
3. ADDRESS OF OPERATOR	9. WELL NO.
 LOCATION OF WELL (Report location clearly and in accordance with See also space 17 below.) At surface 	h any State requirements.* 10. FIELD AND POOL, OR WILDCAT
21/0 from Worth line and 11/5 from 9 Caction 19-165-268	11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
14. PERMIT NO. 15. ELEVATIONS (Show whet	her DF, RT, GR, etc.) 12. COUNTY OR PARISH 13. STATE
- CCC3 Carouand	levol Grand Stain

NOTI	CE OF IN	TENTION TO:	SUBSEQUENT REPORT OF:		
TEST WATER SHUT-OFF		PULL OR ALTER CASING		WATER SHUT-OFF	REPAIRING WELL
FRACTURE TREAT	<u> </u>	MULTIPLE COMPLETE	II	FRACTURE TREATMENT	ALTERING CASING
SHOOT OR ACIDIZE		ABANDON*		SHOOTING OR ACIDIZING	ABANDONMENT*
REPAIR WELL		CHANGE PLANS	ll	(Other)	
(Other)	k		X	(Note: Report results of multi- Completion or Recompletion Re	iple completion on Well port and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.) *

This well is producing only 50 100000 from Formisch perforations 1791-99' and 1812-15'. The well was fruc treated prior to completion, and additional etimilation would not benefit the formison formation. The present production makes the well unseemadeal to produce in the formison, and it is proposed to also back and etternt contation in the abote.

It is proposed to set bridging plub, parforute fakota formation. Free if personary, and comlote.

inticinate commercing operations as soon as soproval is recalved.

CONSERVATION COMMI	. And gas Ssion
DATE 9-24-65 by Ch	Land Bendall nief Petroleum Engineer

18. I hereby certify that the foregoing is SIGNED 11 C Security		Chiof Office	Cert	DATE SEP	23,	1965
(This space for Federal or State office	use)					
APPROVED BY	TITLE _			DATE		

(Rev. 5-63)	J. Ul	NITEL S	TATES	SUBMIT	IN DUPLICAT	ł E	Form approved. Budget Bureau No. 42-R355.5.
	DEPARTMI	ENT OF	THE IN	rerior	(See oth struction reverse	ns on 5 I PASE DE	SIGNATION AND SERIAL NO.
	GEC	LOGICAL	SURVEY		•	11 063	88
WELL CO	MPLETION OR	RECOMP	LETION F	REPORT A	AND LOG	* 6. IF INDIAN	LOTTEE OR TRIBE NAME
1a. TYPE OF WELL		GAS WELL		Other			EMENT NAME
b. TYPE OF COMI	PLETION:	X				Con Av	rose o _{n a} light
NEW WELL	OVER DEEP-	PLUG BACK	DIFF. RESVR.	Other		S. TAKA SKI	DEM NAME OF THE PARTY OF THE PA
2. NAME OF OPERAT	or	_				9. SAIL AT	royo Unit
Similair of	Arok Cas Compar	4			8020		
GOL Lincoln	LTREPR BUILDIN	ne. 1860 i	Ancoln St	a lonvo		10. FIELD AN	D POOR, OR WILDCAT
At surface							PAC OF BOOK AND SURVEY
21	50' f/North 1: erval reported below	ine and 14	95' 1/Ves	t line o	f 360 365	OR AREA	
	Same	• •	5 ec	tion 19-	100-20E+	Section	19-16S-26E, SLM
At total depth	C Carlo	[]	4. PERMIT NO.	Ľ	ATE ISSUED	12. COUNTY	OR 13. STATE
	Same		.F.Brown		/27/65 (USG	S) PARISH	
15. DATE SPUDDED	16. DATE T.D. REACH	ED 17. DATE O	W. Berch	189 and 189	/24/65 (Uba	a) B, RT, Grand *	19, ELEV. THE HEAD
17/9/65	& TVD 21. PLUG. BAC	K T. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1.	5 22. IF MUL	TIPLE COMPL	023 23 INTERV	VALS ROTARY TOO	LS 6023AN (1529999)
20, 10122 20122, 202			HOW M	ANY*	DRILLE	ED BY	
PRODUCING INTER	VAL(S), OF THIS COMP	LETTON 1725.	TTOM, NAME (N	ID AND TVD)*			25. WAS PRECTIONAL SURVEY MADE
Dalcota - lili	24' to 4520'				0		
	ND OTHER LOGS RUN						27. WAS WELL CORED
None ad	ditional run						
2 8.		CASING	RECORD (Rep	ort all strings		NTING RECORD	AMOUNT PULLED
CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (mb) 110				
-9-5/8"	- 32.30#	3561	12-1	1/4"	300 ax.		
4-1/2"	10.50#	50391	8-3	1/14	300 sx.		
29.	LINE	R RECORD			30.	TUBING REC	ORD
SIZE			CEMENT*	SCREEN (ME		DEPTH SET (M	(ID) KER SET (MD)
					A 3 /00	1.1.00	
31 PERFORATION REC	CORD (Interval, size an	d number)		32.	2-3/8" ACID. SHOT. I	FRACTURE, CEMEN	T SQUEEZE, ETC.
	,	,			ERVAL (MD)		ND OF MATERIAL USED
Takota SS	- 4458-1461	* A. ** A	3	1185 29	1100 1500	F00 1 15°	/ 1963
100	4499-4505	W/LL/TC.	1	18-61-1	1499-1505 F		HCl Wed, 30,000 gal
and the same of th		•			¥	/300,000 SCE	
33.*				DUCTION		00# J -133	STATUS (Producing or
DATE FIRST PRODUCT	PION PRODUCTIO	N METHOD (Flou	ving, gas lift, p	umping	and type of pump		it-in)
D11/0114/65	HOURS TESTED	ondina t	FOR	OILBBL.	GAS-MCF	. WATER-BB	. Producting
27 /28/65	P home	20/6).4	TEST PERIOD		2200 N	er Pop	
FLOW TODAY PRESS.	CASING PRESSURE	24-HOUR RATE	OILBBL.	GAS	MCF. EESO W	WIER BBL.	OIL GRAVITY-API (CORR.)
34. Disposition of G	AS (Sold used for fuel,	vented, etc.)	į	2200	MCIPD	TEST WITNE	SSED BY
			hr SITP	830#, SI	CP 850#)		
35 old to The	**************************************	-			(F. P. I	ieskin
36. I her the fartify	Chronologi that the foregoing an	cal report	mation is com	plete and corre	ct as determined	from all available	records
n	28 R.						
SIGNED	CINCUS		TITLE	hief Off	ice Clerk	DAT	E Nov. 19,1965
77 12	290/05.793				_		

INSTRUCTIONS

General: This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office. See instructions on items 22 and 24, and 33, below regarding separate reports for separate completions. If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see item 35.

If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State

2

Items 22 and 24: If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional at a pertinent to such interval.

Item 29: "Sacks Cement": Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool.

Item 33: Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.) | Fem 18: Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments. or Federal office for specific instructions.

			_,	a	-133		6					,
			DEPTH	A K	8		6 9					
			TRUE VERT. DEPTH	# 1008 1008	જ જ		FARO 2200 HCFPD, FTP 296#, FCP 600#.					
	zo.	TOP		- 10	20 eg	<u> </u>	80 00					
	RKER		MEAS. DEPTH	なる。	42.	rnig	H				·	
	IC MA		MEAS	(17)		ove ed.	EPD.					
	GEOLOGIC MARKERS			\$ 100 m	8	S S	0					
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		7			88 S	10a	FABEC 4655					
,	38.			33A	8 K C	ा ⊒ प्रु	.63 .63					=
	LUDING			Service. Elew well dn., Ran 6 jts thg., hole clean. plug @ 1/725'. Perforated Delota SS 11/58-61 & 11/99-1505' w/1, holes/ft, sml gas blow Ran thg % set pir 1/102'. Acidized w/ 500 gal Dowell X (15% HCl), Erk @ 2800#, FI	: in > min. Swad tog ary, vy smil gas blow dai'd west 15in. 1,000% 20-10 sd, 30,000 gal water, 300,000 SGF 002 w/ 450# J-84 & 600# J-133 Ten 1900# Flow back tymed. Most 20 min & died. vy sli tr gas.	7 hrs, subd & flud 2 hrs, bloading ad & load wir. SI overnight.	n Pekota perfs 1458-61 & 1499-150 SICP 850#. COMPLETED PLUB BACK					. ;
	IS, INC			1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		25						
	GM TES			its t	S S	ors,	19 E	!				
	RILL-ST	S, ETC.		0 6 80 4 80 4 6	8 8 8 8 9 4 8 9 4	(N)	100 m					
	RED INTERVALS; AND ALL DRILL-STEM I D SHUT-IN PRESSURES, AND RECOVERIES	DESCRIPTION, CONTENTS, ETC.		1 0 0 c	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	d A	S S					
	S; AND	TION, C		# # S	: Q	of a	# Q					
	TERVAL T-IN PR	DESCRI		F Part	1条で	Dotte	10 (A)		•			
	CORED INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING AND SHUT-IN PRESSURES, AND RECOVERIES			25.50 1.00 1.00 1.00 1.00 1.00 1.00 1.00	18 F	1 1 8 1 N	8 E					
	EOF; CO			\$ ## ## ## ## ## ## ## ## ## ## ## ## ##	5 C A	Tage	teat Book					
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	TES: ES OF F CUSHIO	a.		MI & RU Bar Sot Baker (after perf	E AS	tion of	3					
	US ZON ANT ZON ESTED,	TOP			E E		R N R N					
	37. SUMMARY OF POROUS ZONES: SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF; COI DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING AN	-	.	66	r.	R d						
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	UMMAI SHO DEPT	FORMATION									141	•
	37. S			11 /9/ 65	Ħ	35	≀≓				, ,	
				• •								



355 West North Temple. 3 Triad Center, Suite 350, Salt Lake City, Ut 84180-1203. ●(801-538-5340) Page ____ of ___6

MONTHLY OIL AND GAS PRODUCTION REPORT

MOIALL	012919				
Operator name and address:				1	
• ARCO OIL & GAS COMPANY	79702			Utah Account No. — Report Period (Mont	h/Year)12 / 86
	Producing	Days F	Production Volume	Gas (MSCF)	Water (BBL)
ell Name	1	Oper	Oil (BBL)	Gas IWISCIT	
PI Number Entity Location IN ARROYO 21 801915901 00500 16S 25E 25	DKTA	*			
AN ARROYO 22 301915902 00500 16S 25E 15	DKTA	*			
AN ARROYO #24 301915903 00500 165 26E 19	DKTA	米			
AN ARROYO 25 301915904 00500 16S 25E 21	DKTA	*			
AN ARROYO 26 301915905 00500 16S 26E 20	DKTA	*			
AN ARROYO 27 301915906 00500 16S 26E 29	DKTA	*			
AN ARROYO 28 301915907 00500 16S 26E 29	DKTA	米			
SAN ARROYO 29 4301915908 00500 16S 25E 22	DKTA	*			
SAN ARROYO 1-C 4301930068 00500 16S 25E 26	CSLGT	*			
SAN ARROYO 3-6 4301930069 00500 16S 25E 23	CSLGT	*			
SAN ARROYO 31 4301930527 00500 16S 25E 22	DKTA	*			i
SAN ARROYO 32 4301930528 00500 16S 25E 14	DKTA	*			
SAN ARROYO 33 4301930608 00500 16S 25E 25	DKTA	*			
Comments (attach separate sheet if no load, Effective 9	 .*	TOTAL	- COMMENT	PAGE 10FG	-* Properties
Comments (attach separate sheet if no	-1-86	To:	Buch Corpo	ration, 410	17th St. Denilu
colorado 80200					27
I have reviewed this report and certify	the informa	ation to	be accurate and complet	e. Date <u>1-21-</u>	Description
11 Aufen	EFF DEC	KER		_ Telephone	5)688-5414
Authorized signature		. •			
				•	

PLEASE COMPLETE FORMS IN BLACK INK

STATE OF UTAH .. DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL GAS, AND MINING

	الخيار	
		SGW

DALLOS OF OLL ORG. AND SALNISIC	5. LEASE DESIGNATION AND SERIAL NO.
DIVISION OF OIL, GAS, AND MINING	U-06188
SUNDRY NOTICES AND REPORTS ON WELLS (Do not use this form for proposals to drill or to deepen or plug back to a different reservair. Use "APPLICATION FOR PERMIT—" such proposals.)	d. IF INDIAN, ALLOTTER OR TRIBE NAME
	T. UNIT AGREEMENT NAME
NOV 16 1987	San Arroyo
2. NAME OF OFFICE	S. FARM OR LEASE NAME
Birch Corporation UNION UF	San Arroyo
S. ADDRESS OF OPERATOR	9. WELL NO.
3801 East Florida Avenue Suite 900, Denver, CO 80210	Unit No. 24
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.)	10. FIELD AND POOL, OR WILDCAT
At surface	San Arroyo
	11. SEC. T. S., M., OR SEE, AND SURVEY OR AREA
2450 FNL 1495 FWL	Sec 19 T16S R26E
	12. COUNTY OR PARISH! 13. STATE
14. ANI NUMBER 13.019-15903 18. RENATIONS (Show wearther 2F, RT, GR. etc.) 14. ANI NUMBER 6023 GR.	Grand Utah
check Appropriate Box To Indicate Nature of Notice, Report, or	Other Data
	QUENT REPORT OF:
	REPAIRING WELL
THET WATER SHUT-OFF FULL OR ALTER CASING WATER SHUT-OFF	ALTERING CASING
The state of the s	*THEMMOUNABA
SHOP OF ACTION	
(Nort: Report resul	ts of multiple completion on Well pletion Report and Log form.)
(Other) 17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent defails, and give pertinent date proposed work. If well is directionally drilled, give subsurface locations and measured and true verti	a including estimated date of starting any
nent to this work.) *	
We propose to perforate, acidize, and fracture according to procedure. Fracture design will be for a propped fracture lesson feet.	the attached
We propose to perforate, acidize, and fracture according to procedure. Fracture design will be for a propped fracture lesson feet.	the attached
We propose to perforate, acidize, and fracture according to procedure. Fracture design will be for a propped fracture lesson feet. 18. I hereov certify that the foregoing is true and correct Operations Manager	the attached ength of approximately
We propose to perforate, acidize, and fracture according to procedure. Fracture design will be for a propped fracture le 800 feet. 18. I hereoy certify that the foregoing is true and correct SIGNED TITLE Operations Manager	the attached ength of approximately
We propose to perforate, acidize, and fracture according to procedure. Fracture design will be for a propped fracture lesson feet. 18. I hereov certify that the foregoing is true and correct Operations Manager	the attached ength of approximately

WORKOVER PROCEDURE

San Arroyo Unit No. 24 San Arroyo Field, Grand County, Utah

LOCATION: 2450' FNL, 1495' FWL, Section 19, T16S, R26E. Grand County, Utah.

ELEVATION: 6023 GL. All depths measured from ground level.

TABULARS: 4½" OD casing set at 5039' in March, 1953.

2-3/8" tubing at 4489 feet.

PROCEDURE:

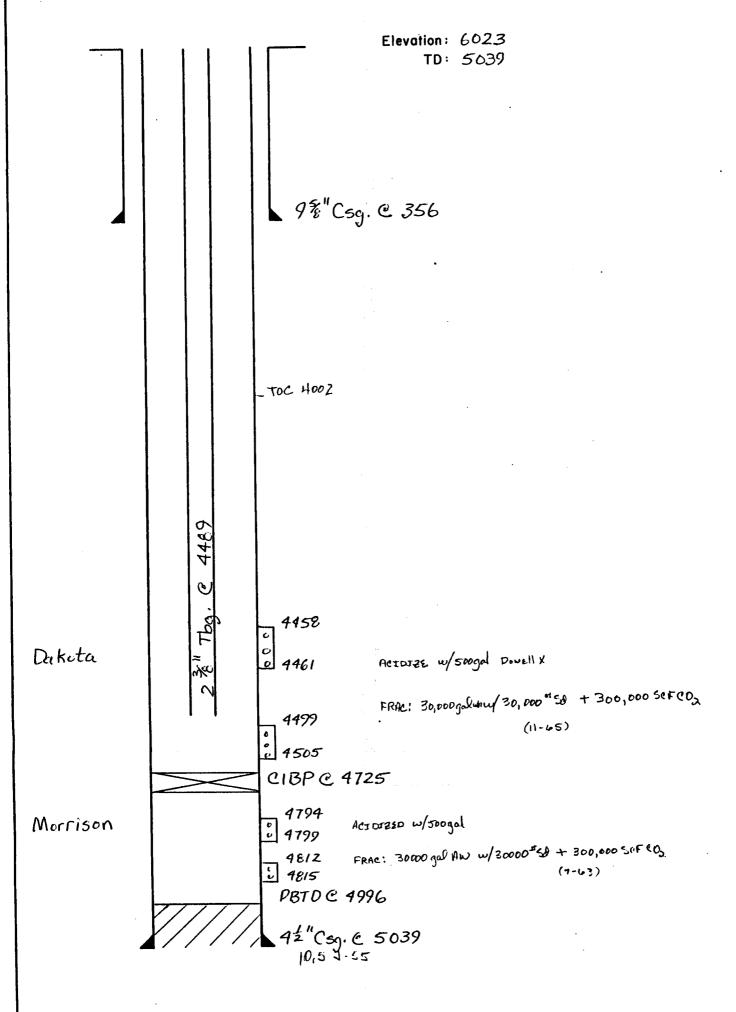
1. Move in workover rig and rig up. Kill well and install BOP's. Trip in hole and tag total depth. Pull out of hole and lay down tubing.

2. Rig up wireline. Go in hole with 3-1/8" casing gun. Perforate as follows with premium charges:

with premium charges:			
Upper Dakota 4427-4451'	24'	1SP2F	13 Holes
Lower Dakota 4499-4517'	18'	1SP2F	10 Holes
Lower Cedar Mountain 4609-4634'	25'	1SP2F	13 Holes
	Run Gauge	e King.	

- 3. Pick up retrievable bridge plug and packer. Set bridge plug at 4645' and set packer at 4540 feet. Acidize lower Cedar Mountain with 1,250 gallons of 15% HCl containing inhibitors, iron sequestering agent, clay stabilizers, and non-ionic surfactant with ball sealers. Flow back and evaluate for frac.
- 4. Frac down tubing. Fracture treatment will be designed later. Flowback.
- 5. Retrieve bridge plug and set at 4535 feet. Set packer at 4485 feet. Swab well and test. Acidize Lower Dakota with 1000 gallons of 15% HCl with the same additives as previously specified. Flowback and evaluate for frac.
- 6. Frac down tubing. Fracture treatment will be designed later. Flowback.
- 7. Retrieve bridge plug and set at 4470 feet. Set packer at 4330 feet. Swab well and test. Acidize Upper Dakota with 1250 gallons of 15% HCl and the same additives as specified above. Flowback and evaluate for frac.
- 8. Frac down tubing. Fracture treatment will be designed later. Flowback.
- 9. Pull out of hole with packer and bridge plug. Go in hole open ended. land bottom of tubing at 4640 feet. Flow well to sales line.

San Arroyo Unit Well #24 CURRENT DOWNHOLE CONDITIONS



TA

DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING SUNDRY NOTICES AND REPORTS (Do not use this form for proposals in drill or to deeper of plus and different reservoir. (Do not use this form for proposals in drill or to deeper of plus and different reservoir. (Do not use this form for proposals in drill or to deeper of plus and different reservoir. (Do not use this form for proposals in drill or to deeper of plus and different reservoir. (Do not use this form for proposals in drill or to deeper of plus and different reservoir. (Do not use this form for proposals in drill or to deeper of plus and the different reservoir. (Do not use this form for proposals in drill or to deeper of plus and the different reservoir. (Do not use this form for proposals in drill or to deeper of plus and the form for to to deeper of plus and the different reservoir. (Do not use this form for proposals in drill or to deeper of plus and the form for to the plus and the form for to the plus and the form for to the plus and the form for the plus and	y 5, 1987	· •
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The proposed workover for this well began on November 25, 1987.	proposed work. If well is directionally drilled, give subsur	l pertinent details, and give pertinent dates, including estimated date of statung day face locations and measured and true vertical depths for all markers and zones perti-
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Operations Manager

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17. DESCRIBE PROPOSED OR COMPLETED OPER proposed work. If well is direction nent to this work.) *	•					
The well was worked ove	r as per the at	tached re	port. Work b	egan c	n 11/25/87	and
was completed on 12/15/	87. Production	prior to	work is 0 MC	FD.		
Subsequent results: 87	'5 MCFD @ 350 ps	ig flowin	ng tubing pres	sure.		
						•

4	Ar.		
SIGNED	The line is true and correct	TITLE Operations Manager	DATE 2/16/88
(This space for P	eral or State office use)		
APPROVED BY	APPROVAL IF ANY:	TW12	DATE

BIRCH CORPORATION COMPLETION REPORT SAN ARROYO UNIT NO. 24



- 11-25-87 Present Operation: Cleaning off location.

 Remarks: Move in dirtwork equipment and begin cleaning off road and location. Wellhead buried in about four (4) foot of silt. Plan to move in a D-8 if necessary to finish. Rig scheduled to move in on
- 11-26-87 Present Operation: SD for holiday.

 Remarks: Clean off location and rebuild road.
- 11-27-87 Present Operation: Prep to move in rig. Remarks: Shut down for holiday.

Friday 11-27-87.

Present Operation: Prep to trip out w/2-3/8" tubing.

Remarks: Rig up slick line and check TD and BHP. Tag at 4499 and set down solid. BHP 580 psig and no fluid. Install anchors, open well to blow down @ 1:45 pm and SI 22:30 pm while moving in rig. Rig up workover rig and SDFN. TP 550 @4:00 pm. Received and unloaded 316 jts 2-3/8" 4.7#. EUE N-80 used tubing.

Total Daily Costs: 3493 Cumulative Costs: 6038

Present Operation: Pull out w/2-3/8" tubing and strap while coming out.

Remarks: Clean up wellhead bolts and could not break bolts. Cut off one bolt and found wrong series bolts on BOP. WO 600 Series bolts and cut and replace bolts. Mixed 3% KCL water with L-55 clay stabilizer and pump 20½ bbls down well to kill well. Annulus dead and tubing blew down in 5 minutes. Tubing kicked off in 10 minutes and pumped another 10½ bbls down tubing. Well dead, set off tree, and nipple up BOP. Pull donut w/64,000# and it came free but rig settled. Lay down 1 jt tubing w/donut on it and picked up 2 jts tubing. Tag fill @4506. Layed down 2 jts tubing, relevel rig and SDFN.

Total Daily Costs: 2516 Cumulative Costs: 8599 11-30-87 Present Operation: RIH w/3-7/8" bit and bailer, SICP 75 psig.
Blew down in 5 minutes.

Previous days operation: Pull tubing and strap. Well kicked off 22 stands out. Kill well w/40.5 bbl 3% KCL water and finished trip. SLM total 4991'. Pick up notched collar and hydrostatic bailer. Pick up 2-3/8" EUE 4.7# N-80 tubing work string and run in hole. Tag fill at 4484' and began cleaning out. Cleaned out 3' and broke through for 30' and broke through for 20'. Set down solid at 4571'. Rotate and spud w/no progress. Pull out and empty bailer. Had 2.4 bbls 3% KCL water plus 6' loose sand. Bottom of bailer contained large chunks of compacted formation sand and frac sand. Notched collar on bailer bent.

Total Daily Costs: 1667 Cumulative Costs: 10,566

Present Operation: Rig up to log and perf. SICP 25 psig, blow down in 2 minutes. Trip in w/3-7/8" bit and hydrostatic bailer. Tag fill @4568. Bailed 3' and set down hard. Rotate w/tongs and work down 2'. Fell free. Clean out from 4573-4676' and plugged bailer. Trip out w/bit and bailer. Well kicked off 58 STDS out. Kill w/13½ bbls and finish trip. Rec. 1½ bbls KCL water and 330' frac sand. Make up bailer and run in hole w/notched collar. Tag at 4670 and clean out to 4723'. Trip out hole and lay down bailer. Rec. 1.16 bbls KCL water and 120' frac sand. SDFN. Total Daily Costs: 3414

Cumulative Costs: 13,980

12-02-87 Present Operation: Swabbing. Well flowing on 12/64" choke at 50 psig.
Previous Day Operation: Rig up Dyna-Jet and run a Gamma-Ray Collar
Correlation log from 4704-4200'. No fluid in hole. Perforate at:

4609-4634' 1JSPF 26 Holes 4427-4451' 1JSPF 26 Holes

Using a 3-18" casing gun and 12 gram DML charges. Fluid level on second run at 3000'. Run a gauage ring to 4704'. Fluid level at 2700'. Pick up a tension packer and run in hole. Set packer at 4555' in 12000# tension. Rig up and swab. Initial fluid level at 2700'. Swab from 4000' and recover 2bbls KCL water. Run swab and well

kicked off. Install 20/64" choke and tested for ½ hr. Shut in pressure 580 psig, and final flowing pressure 350 psig, calculated rate 848 MCFD. Rig up Dowell and acidize w/1250 gal 15% HCL containing inhibitors, clay stabilizer, iron sequestering agent, non-ionic surfactant, and 35 ball sealers. Average injection rate 3½ bbl/minute at 200 psig-3800 psig. Breakdown at 3800 psig and broke to 500 psig. Pressure gradually increased to 1750 throughout job. Good ball action and did not ball out. ISIP 0#. Flushed w/19 bbls KCL water. Swab well and recovered 4 bbls in three runs. Installed 12/64" choke and left open to tank all night. SDFN.

Total Daily Costs: 8044
Cumulative Costs: 22,024

Present Operation: Running bottom hole pressure build up.
Previous Days Operation: Remove 12/64" choke, blow down, and run
swab. Fluid level @2000'. Made 2 runs and well kicked off. Recovered
14 bbl KCL water. Let well flow to clean up and recovered 19 bbl
spent acid and DCL water. Install 20/64" choke and flow to pit. Initial
pressure 300#. Flowing at 195 psig in 3½ hrs. Flowed at 195# for 4 hrs.
Rig up and run BHP Bomb. Flow well for 1 hr. and shutin for buildup.
Final flow pressure 199 psig. ISIP 230 psig, 12 minutes SIP 310 psig.
Total Daily Costs: 2344
Cumulative Costs: 24,368

12-4-87 Present Operation: Prepare to fracture treat. SITP 495 psig SICP 565 psig.

Previous Days Operation: Running bottom hole pressure build-up. Pressure after 15½ hrs shut-in 549 psig. Blow casing for 40 min. and no apparent communication. Rig up Dowell to fracture. Sand transport late and SDFN. Plan to fracture down 2-3/8" tubing. Will spot gell plug across existing perforations and pressure back side to 1000 psig.

Total Daily Costs: 3350 Cumulative Costs: 27,718 12-05-87 Present Operation: Flow testing FTP 160 psig - 20 hrs. 18/64" choke SICP 545 psig - 67-1/4 hrs.

Previous Days Operation: Pumped 10 bb1 KC1 thru tubing. Change out TIW valve. Rig up Dowell, load backside with cross link gel and N_2 . Test line to 75,500 #. Frac down 2-3/8" tubing with 33,600 gal 75Q Foam with 21,000 lbs 20/40 sand. Screened out at 3# per/gal at 7200 # at 12 BPM. Maximum pressure 7200 psig. Maximum injection rate 12 BPM. Average 12 BPM at 5300 psig. ISIP 6500 psig, 5 min - 4990 psig, 10 min - 4516 psig, 15 min - 4378 psig. Flow back on 28/64" choke. Well flowing sand. Changed chokes to 24/64", 20/64", and to 18/64" choke. Flowing at 160 psig, 18/64" choke at 7:00 am.

Total Daily Costs: 25371 Cumulative Costs: 53089

- Present Operation: Flow testing after frac.

 Previous Days Operation: Flow test. Installed 12/64" choke at 10:00 am,

 December 5, 1987. Opened at 250 psig, increased to 340 psig in 6 hours.

 Total Daily Costs: 1284

 Cumulative Costs: 54373
- 12-07-87 Present Operation: Prepare to move to next zone.
 Previous Days Operation: Flow test on 12/64" choke at 355 psig. Very small amount of fluid. Flow tubing pressure 355 psig, shut-in casing pressure 545 psig. 284.7 mcf flowing rate in 24 hours.
 Total Daily Costs: 420
 Cumulative Costs: 54793
- Present Operation: Trip in to tag sand prior to acidizing.

 Previous Days Operation: Mix 80 bbls 3% KCl water and clay stay.

 Kill casing with 21.6 bbl, kill tubing with 10.8 bbl. Release packer and pulled tight for two stands. Trip out with tubing and packer. Pulled tight at 41-46 stands out. Well kicked off with 46 stands out. Kill with 10 bbls. Finish trip out and lay down packer. Pick up retrievable bridge plug and setting tool. Run in hole and set RBP at 4521 feet. Pull out of hole and well kicked off 10 stands out. Lay down setting tool. 1/2 dump 600 1b 20-40 sand followed with 16 bbl 3% KCl water. Close in and SDFN.

Total Daily Costs: 2839 Cumulative Costs: 57632 12-09-87 Present Operation: Prepare to Acidize.

Previous Days Operation: Shut-in casing pressure 45 psig. Blew down in 5 minutes. Trip in hole with one joint tubing and notched collar, and tension packer. Run 70 stands and 1 single of 2-3/8" tubing. Tag sand at 4771 feet. Wait on Dowell, truck broke down on Douglas Pass. Rig up Dowell. Shut down for night. Plan to acidize at 7:30 am 12/09/87.

Total Daily Costs: 2166
Cumulative Costs: 57,798

12-10-87 Present Operation: Prepare to frac.

Previous Days Operation: Nipple up Dowell, load back side with 42 bbls KCl water. Spot 25 gal of 15% HCl 2/17 bbls 3% KCl water thru tubing. Nipple down Dowell, test line to 5000 lbs -OK. Acidize with 1225 gallons 15% HCl w/A-25 L55 and L58 plus surfactant and 65 1.3 RCN sealers. Broke down at 2900 lbs, no ball action, final treating pressure 2100 psi. ISIP 1200 O-5 min. Maximum pressure 2900 psig, avg 2500 psig. Maximum injection rate 5 BPM, avg 5 BPM. Nipple down Dowell. Rig up swabbing tee and go in hole with swab. Fluid level 2000 feet. Swab back KCl and water. Swab and flow by heads till 5:00 pm. Install 12/64" choke. FTP 160. Shut down for night.

Total Daily Costs: 5760 Cumulative Costs: 65,558

12-11-87 Present Operations: Flow back frac.

Previous Days Operations: FTP 60 psig, SICP 0 psig. Remove 12/64" choke and blow down well. Release packer and tag sand at 4471'. Spot 100 lbs 100 mesh sand from 4471' - 4460' with 17 bbl 3% KCl water. Reset packer at 4307 feet, with 20,000 lbs overpull. Rig up Dowell, test lines to 8000 psig and frac Dakota perfs 4427' - 4451' with 60,700 gal 75% quality foam containing 15000 lbs 100 mesh sand and 40,000 lbs 20-40 sand. Maximum pressure 6050 psig, final pressure 5644 psig, avg press 5850 psig, avg inj rate 12 BPM. ISIP 3650 psig, 5 min 3524 psig, 10 min 3428 psig, 15 min 3373 psig, 30 min 3263 psig. Rig down Dowell. Flow back frac on 18/64" choke. Initial pressure 2900 psig, FTP 2500 psig, dropped to 500 psig in 2 hrs. Holding fairly steady. Flow back fluid with no noticeably sand.

Total Daily Costs: 34,058 Cumulative Costs: 99,616 12-12-87 Present Operation: Prepare to release packer.

Pressures: FTP - 195, 40 hrs., SICP - 325.

Previous Days Operation: Flow back fracs on various chokes.

Total Daily Costs: 2612 Cumulative Costs: 102,228

12-13-87 Present Operations: Preparing to trip with Bailer.

Previous Days Operations: Flow down casing, load tubing and kill well with 21.6 bbls of KCl. Unseat packer and teip out of hole. Lay down packer, 1/2 of packer rubbers torn off. Pick up hydrostatic bailer, bailer assy and trip in hole. Tag sand at 4468', bail to 4515', no further progress in one hour. Pull out of hole with bailer and remove 420' of dirty water, 60 feet of sand with frac balls and packer rubbers. Run in hole with bailer and tag sand at 4508 feet. Bail to 4521 feet and latch onto retreivable bridge plug and take out of hole. Recover 240 feet dirty water, 60 feet sand. Well kicked off thru casing, closed blind rams. Lay down bailer and bridge plug. Shut down for night.

Total Daily Costs: 1595 Cumulative Costs: 103,823

Present Operations: Prepare to run in hole with production tubing.
Previous Days Operations: Thaw out rig tank valves. Mix 80 bbls KCl.
Wait on drain sub for bailer. Kill well with 48.6 bbls 3% KCl. Pick up
bailer assembly and run in hole. Tag sand at 4690 feet. Bail to 4696 feet.
Well kicked off thru tubing. Stab TIW and kill well thru tubing and csg with
21 bbls KCL. Pull out of hole and lay down tubing. Kill well with 12 bbls
3% KCL and finish laying down tubing and bailer. Recovered 930 feet dirty
water and 30 feet sand. Close in well, drain up and shut down for night.
Total Daily Costs: 3434

Cumulative Costs: 107,257

Previous Days Operation: Thaw out valves. Kill well with 45 bbls 3% KCl and run in hole with seating nipple below 143 jts 2-3/8" 8 rnd EUE J-55 tubing. Well kicked off through tubing. Kill tubing and land tubing at 4399.85' GLM. Nipple down BOP, nipple up tree and hook up flowline to frac tank. Clean out tank and release one frac tank. Release BOP and accumulator and release rig at 3:00 pm 12/14/87. Left 3 jts tubing on loc totaling 92.15 feet. Left 166 jts 2-3/8" N-80 tubing on location - not strapped.

12-15-87						
Continued	Total Daily Costs:	1445				
	Cumulative Totals:	Rig	20,085			
		Water	4,013			
		Labor	330			
		Rental	2,209			
		Trans	1,882			
		Perf	2,493			
		Stim1	59,683			
		Packer	3,970			
		Supvn	6,300			
		Slk Line	776			
		Misc	6,961			

Cumulative Well Total

108,702

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OU. CAS. AND MINING.	S. LEASE DESIGNATION AND SESIAL NO.
DIVISION OF OIL, GAS, AND MINING	U-06188 -mfsN
SUNDRY NOTICES AND REPORTS ON WELLS (Do not use this form for proposals to drill or to deepen or proposals to drill or to deepen or proposals.)	6. IF INDIAN, ALLOTTES OR TAIRS NAME 022300
OFL OFL WELL OTHER	7. UNIT AGREEMENT NAME San Arroyo
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Birch Corporation	San Arroyo
PO Box 5427 T. A. Denver Co 80210 OIL, GAS & MINING	Unit No. 24
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.)	10. PIELD AND POOL, OR WILDCAT
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14. AP I NUMBER IL BLEVATIONS (Show whether DF, NT, GR, etc.)	12. COUNTY OR PARISE 18. STATE
43-019-15903	Grand Utah
16. Check Appropriate Box To Indicate Nature of Notice, Report, or Ot	ther Data
NOTICE OF INTENTION TO:	BY REPORT OF:
THET WATER SEUT-OFF PULL OR ALTER CASING WATER SEUT-OFF PRACTURE TREAT MULTIPLE COMPLETE PRACTURE TREATMENT SMOOT OR ACIDIZE ABANDON* SHOUTING OR ACIDIZING REPAIR WELL CHANGE PLANS (Other)	REPAIRING WELL ALTERING CASING ABANDON MENT
(Other) (Note: Report results of Completion or Recomple	of multiple completion on Weil tion Report and Log form.)
(Other) ("ompletion or Recomple	tion Report and Log (orm.)
17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, is proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical ment to this work.)	tion Report and Log (orm.) including estimated date of starting any depths for all markers and zones perti-
17. DESCRIPE TROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, is proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical ment to this work.)* The well was worked over as per the attached report. Work began	including estimated date of starting any depths for all markers and zones pertinuous on 11/25/87 and
17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, is proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical neat to this work.) The well was worked over as per the attached report. Work began was completed on 12/15/87. Production prior to work is 0 MCFD.	including estimated date of starting any depths for all markers and zenes pertinuous on 11/25/87 and
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27. DESCRIBE PROPERTY OF COMPLETED OPERATIONS (Clerry state nil pertinent details, and give pertinent dates.) is proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical near to this work.) or the well was worked over as per the attached report. Work began was completed on 12/15/87. Production prior to work is 0 MCFD. Subsequent results: 875 MCFD @ 350 psig flowing tubing pressure to the property of the proper	including estimated date of starting any depths for all markers and zones pertinn on 11/25/87 and
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DATE _

APPROVED BY CONDITIONS OF APPROVAL, IF ANY:

BIRCH CORPORATION COMPLETION REPORT SAN ARROYO UNIT NO. 24

11-25-87 Present Operation: Cleaning off location.

Remarks: Move in dirtwork equipment and begin cleaning off road and

location. Wellhead buried in about four (4) foot of silt. Plan to move in a D-8 if necessary to finish. Rig scheduled to move in on

Friday 11-27-87.

11-26-87 Present Operation: SD for holiday.

Remarks: Clean off location and rebuild road.

11-27-87 Present Operation: Prep to move in rig.

Remarks: Shut down for holiday.

11-28-87 Present Operation: Prep to trip out w/2-3/8" tubing.

Remarks: Rig up slick line and check TD and BHP. Tag at 4499 and set down solid. BHP 580 psig and no fluid. Install anchors, open well to blow down @ 1:45 pm and SI 22:30 pm while moving in rig. Rig up workover rig and SDFN. TP 550 @4:00 pm. Received and unloaded 316 jts 2-3/8" 4.7#. EUE N-80 used tubing.

Present Operation: Pull out w/2-3/8" tubing and strap while coming out.

Total Daily Costs: 3493

Cumulative Costs: 6038

11-29-87

Remarks: Clean up wellhead bolts and could not break bolts. Cut off one bolt and found wrong series bolts on BOP. WO 600 Series bolts and cut and replace bolts. Mixed 3% KCL water with L-55 clay stabilizer and pump 20½ bbls down well to kill well. Annulus dead and tubing blew down in 5 minutes. Tubing kicked off in 10 minutes and pumped another 10½ bbls

in 5 minutes. Tubing kicked off in 10 minutes and pumped another $10\frac{1}{2}$ bbls down tubing. Well dead, set off tree, and nipple up BOP. Pull donut w/64,000# and it came free but rig settled. Lay down 1 jt tubing w/donut on it and picked up 2 jts tubing. Tag fill @4506. Layed down 2 jts tubing,

relevel rig and SDFN.

Total Daily Costs: 2516

Cumulative Costs: 8599

11-30-87 Present Operation: RIH w/3-7/8" bit and bailer, SICP 75 psig.
Blew down in 5 minutes.

Previous days operation: Pull tubing and strap. Well kicked off 22 stands out. Kill well w/40.5 bbl 3% KCL water and finished trip. SLM total 4991'. Pick up notched collar and hydrostatic bailer. Pick up 2-3/8" EUE 4.7# N-80 tubing work string and run in hole. Tag fill at 4484' and began cleaning out. Cleaned out 3' and broke through for 30' and broke through for 20'. Set down solid at 4571'. Rotate and spud w/no progress. Pull out and empty bailer. Had 2.4 bbls 3% KCL water plus 6' loose sand. Bottom of bailer contained large chunks of compacted formation sand and frac sand. Notched collar on bailer bent.

Total Daily Costs: 1667 Cumulative Costs: 10,566

Present Operation: Rig up to log and perf. SICP 25 psig, blow down in 2 minutes. Trip in w/3-7/8" bit and hydrostatic bailer. Tag fill @4568. Bailed 3' and set down hard. Rotate w/tongs and work down 2'. Fell free. Clean out from 4573-4676' and plugged bailer. Trip out w/bit and bailer. Well kicked off 58 STDS out. Kill w/13½ bbls and finish trip. Rec. 1½ bbls KCL water and 330' frac sand. Make up bailer and run in hole w/notched collar. Tag at 4670 and clean out to 4723'. Trip out hole and lay down bailer. Rec. 1.16 bbls KCL water and 120' frac sand. SDFN.

Total Daily Costs: 3414 Cumulative Costs: 13,980

12-02-87 Present Operation: Swabbing. Well flowing on 12/64" choke at 50 psig.

Previous Day Operation: Rig up Dyna-Jet and run a Gamma-Ray Collar

Correlation log from 4704-4200'. No fluid in hole. Perforate at:

4609-4634' 1JSPF 26 Holes 4427-4451' 1JSPF 26 Holes

Using a 3-18" casing gun and 12 gram DML charges. Fluid level on second run at 3000'. Run a gauage ring to 4704'. Fluid level at 2700'. Pick up a tension packer and run in hole. Set packer at 4555' in 12000# tension. Rig up and swab. Initial fluid level at 2700'. Swab from 4000' and recover 2bbls KCL water. Run swab and well

kicked off. Install 20/64" choke and tested for ½ hr. Shut in pressure 580 psig, and final flowing pressure 350 psig, calculated rate 848 MCFD. Rig up Dowell and acidize w/1250 gal 15% HCL containing inhibitors, clay stabilizer, iron sequestering agent, non-ionic surfactant, and 35 ball sealers. Average injection rate 3½ bbl/minute at 200 psig-3800 psig. Breakdown at 3800 psig and broke to 500 psig. Pressure gradually increased to 1750 throughout job. Good ball action and did not ball out. ISIP 0#. Flushed w/19 bbls KCL water. Swab well and recovered 4 bbls in three runs. Installed 12/64" choke and left open to tank all night. SDFN.

Total Daily Costs: 8044
Cumulative Costs: 22,024

Previous Days Operation: Remove 12/64" choke, blow down, and run swab. Fluid level @2000'. Made 2 runs and well kicked off. Recovered 14 bbl KCL water. Let well flow to clean up and recovered 19 bbl spent acid and DCL water. Install 20/64" choke and flow to pit. Initial pressure 300#. Flowing at 195 psig in 3½ hrs. Flowed at 195# for 4 hrs. Rig up and run BHP Bomb. Flow well for 1 hr. and shutin for buildup. Final flow pressure 199 psig. ISIP 230 psig, 12 minutes SIP 310 psig. Total Daily Costs: 2344

12-4-87 Present Operation: Prepare to fracture treat. SITP 495 psig SICP 565 psig.

Previous Days Operation: Running bottom hole pressure build-up. Pressure after $15\frac{1}{2}$ hrs shut-in 549 psig. Blow casing for 40 min. and no apparent communication. Rig up Dowell to fracture. Sand transport late and SDFN. Plan to fracture down 2-3/8" tubing. Will spot gell plug across existing perforations and pressure back side to 1000 psig.

Total Daily Costs: 3350 Cumulative Costs: 27,718

Cumulative Costs: 24,368

12-05-87 Present Operation: Flow testing FTP 160 psig - 20 hrs. 18/64" choke SICP 545 psig - 67-1/4 hrs.

Previous Days Operation: Pumped 10 bb1 KC1 thru tubing. Change out TIW valve. Rig up Dowell, load backside with cross link gel and $\rm N_2$. Test line to 75,500 #. Frac down 2-3/8" tubing with 33,600 gal 75Q Foam with 21,000 lbs 20/40 sand. Screened out at 3# per/gal at 7200 # at 12 BPM. Maximum pressure 7200 psig. Maximum injection rate 12 BPM. Average 12 BPM at 5300 psig. ISIP 6500 psig, 5 min - 4990 psig, 10 min - 4516 psig, 15 min - 4378 psig. Flow back on 28/64" choke. Well flowing sand. Changed chokes to 24/64", 20/64", and to 18/64" choke. Flowing at 160 psig, 18/64" choke at 7:00 am.

Total Daily Costs: 25371 Cumulative Costs: 53089

- 12-06-87 Present Operation: Flow testing after frac.
 Previous Days Operation: Flow test. Installed 12/64" choke at 10:00 am,
 December 5, 1987. Opened at 250 psig, increased to 340 psig in 6 hours.
 Total Daily Costs: 1284
 Cumulative Costs: 54373
- Present Operation: Prepare to move to next zone.

 Previous Days Operation: Flow test on 12/64" choke at 355 psig. Very small amount of fluid. Flow tubing pressure 355 psig, shut-in casing pressure 545 psig. 284.7 mcf flowing rate in 24 hours.

 Total Daily Costs: 420

 Cumulative Costs: 54793
- Present Operation: Trip in to tag sand prior to acidizing.

 Previous Days Operation: Mix 80 bbls 3% KCl water and clay stay.

 Kill casing with 21.6 bbl, kill tubing with 10.8 bbl. Release packer and pulled tight for two stands. Trip out with tubing and packer. Pulled tight at 41-46 stands out. Well kicked off with 46 stands out. Kill with 10 bbls. Finish trip out and lay down packer. Pick up retrievable bridge plug and setting tool. Run in hole and set RBP at 4521 feet. Pull out of hole and well kicked off 10 stands out. Lay down setting tool. 1/2 dump 600 lb 20-40 sand followed with 16 bbl 3% KCl water. Close in and SDFN.

Total Daily Costs: 2839 Cumulative Costs: 57632 12-09-87 Present Operation: Prepare to Acidize.

Previous Days Operation: Shut-in casing pressure 45 psig. Blew down in 5 minutes. Trip in hole with one joint tubing and notched collar, and tension packer. Run 70 stands and 1 single of 2-3/8" tubing. Tag sand at 4771 feet. Wait on Dowell, truck broke down on Douglas Pass. Rig up Dowell. Shut down for night. Plan to acidize at 7:30 am 12/09/87.

Total Daily Costs: 2166
Cumulative Costs: 57,798

12-10-87 Present Operation: Prepare to frac.

Previous Days Operation: Nipple up Dowell, load back side with 42 bbls KCl water. Spot 25 gal of 15% HCl 2/17 bbls 3% KCl water thru tubing. Nipple down Dowell, test line to 5000 lbs -OK. Acidize with 1225 gallons 15% HCl w/A-25 L55 and L58 plus surfactant and 65 l.3 RCN sealers. Broke down at 2900 lbs, no ball action, final treating pressure 2100 psi. ISIP 1200 O-5 min. Maximum pressure 2900 psig, avg 2500 psig. Maximum injection rate 5 BPM, avg 5 BPM. Nipple down Dowell. Rig up swabbing tee and go in hole with swab. Fluid level 2000 feet. Swab back KCl and water. Swab and flow by heads till 5:00 pm. Install 12/64" choke. FTP 160. Shut down for night.

Total Daily Costs: 5760
Cumulative Costs: 65,558

12-11-87 Present Operations: Flow back frac.

Previous Days Operations: FTP 60 psig, SICP 0 psig. Remove 12/64" choke and blow down well. Release packer and tag sand at 4471'. Spot 100 lbs 100 mesh sand from 4471' - 4460' with 17 bbl 3% KCl water. Reset packer at 4307 feet, with 20,000 lbs overpull. Rig up Dowell, test lines to 8000 psig and frac Dakota perfs 4427' - 4451' with 60,700 gal 75% quality foam containing 15000 lbs 100 mesh sand and 40,000 lbs 20-40 sand. Maximum pressure 6050 psig, final pressure 5644 psig, avg press 5850 psig, avg inj rate 12 BPM. ISIP 3650 psig, 5 min 3524 psig, 10 min 3428 psig, 15 min 3373 psig, 30 min 3263 psig. Rig down Dowell. Flow back frac on 18/64" choke. Initial pressure 2900 psig, FTP 2500 psig, dropped to 500 psig in 2 hrs. Holding fairly steady. Flow back fluid with no noticeably sand.

Total Daily Costs: 34,058 Cumulative Costs: 99,616 12-12-87 Present Operation: Prepare to release packer.

Pressures: FTP - 195, 40 hrs., SICP - 325.

Previous Days Operation: Flow back fracs on various chokes.

Total Daily Costs: 2612 Cumulative Costs: 102,228

12-13-87 Present Operations: Preparing to trip with Bailer.

Previous Days Operations: Flow down casing, load tubing and kill well with 21.6 bbls of KCl. Unseat packer and teip out of hole. Lay down packer, 1/2 of packer rubbers torn off. Pick up hydrostatic bailer, bailer assy and trip in hole. Tag sand at 4468', bail to 4515', no further progress in one hour. Pull out of hole with bailer and remove 420' of dirty water, 60 feet of sand with frac balls and packer rubbers. Run in hole with bailer and tag sand at 4508 feet. Bail to 4521 feet and latch onto retreivable bridge plug and take out of hole. Recover 240 feet dirty water, 60 feet sand. Well kicked off thru casing, closed blind rams. Lay down bailer and bridge plug. Shut down for night.

Total Daily Costs: 1595

Cumulative Costs: 103,823

Present Operations: Prepare to run in hole with production tubing.
Previous Days Operations: Thaw out rig tank valves. Mix 80 bbls KCl.
Wait on drain sub for bailer. Kill well with 48.6 bbls 3% KCl. Pick up bailer assembly and run in hole. Tag sand at 4690 feet. Bail to 4696 feet.
Well kicked off thru tubing. Stab TIW and kill well thru tubing and csg with 21 bbls KCL. Pull out of hole and lay down tubing. Kill well with 12 bbls 3% KCL and finish laying down tubing and bailer. Recovered 930 feet dirty water and 30 feet sand. Close in well, drain up and shut down for night. Total Daily Costs: 3434

Cumulative Costs: 107,257

Present Operation: Flow test to frac tank
Previous Days Operation: Thaw out valves. Kill well with 45 bbls 3% KCl
and run in hole with seating nipple below 143 jts 2-3/8" 8 rnd EUE J-55
tubing. Well kicked off through tubing. Kill tubing and land tubing
at 4399.85' GLM. Nipple down BOP, nipple up tree and hook up flowline to
frac tank. Clean out tank and release one frac tank. Release BOP and
accumulator and release rig at 3:00 pm 12/14/87. Left 3 jts tubing on loc
totaling 92.15 feet. Left 166 jts 2-3/8" N-80 tubing on location not strapped.

12-15-87			
Continued	Total Daily Costs:	1445	
	Cumulative Totals:	Rig	20,085
		Water	4,013
		Labor	330
		Rental	2,209
		Trans	1,882
		Perf	2,493
		Stiml	59,683
		Packer	3,970
		Supvn	6,300
		Slk Line	776
		Misc	6,961
	Cumulative Well To	tal	108,702

Form 3160-4 (November 1983) (formerly 9-330)

SIGNED

UN_ ED STATES DEPARTMENT OF THE INTERIOR

SUBMIT IN DUPL ___ . E.

(See other In-

Expires August 31	

Form approved. Budget Bureau No. Expires August 31,	

		BUREA	U OF LA	D MANA	GEME	VT TV		reverse	Birte)			N AND SERIAL NO.
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b. TYPE OF COMPLETION:						San Arroyo						
WELT .	OVER	EN [BACK	DIFF REST	vr. 🗆	Other —re	comp	letion	⁸	. FARM OR		AMB
2. NAME OF OPERAT									- g	San Ar	royo	
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3801 East	Florida	Ave	Suite	#900 <u> </u>	Denver	- Co 8	0210				-	OR WILDCAT
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										OR AREA		
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					3-019-	15903		1550.20	-	Grand	-	Utah
15. DATE SPUDDED	16. DATE T.	D. REACH		E COMPL. (prod.)	18. ELEV	VATION (P!)	, RKB, RT,	GE, ETC.)*	19. EI	EV. CASINGHEAD
20. TOTAL DEPTH, MD	A TVD 21.	PLUG, BA	CK T.D., MD A	TVD 22	. IF MUL'	TIPLE COMP	L.,	23. INTER		ROTARY TOO	LS	CABLE TOOLS
5039'		4996	1	•	2				<u> </u>			WAS DIRECTIONAL
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4609-4634 1	JSPF 26	holes				4609-4634 see attachment						
4429-4451 1	JSPF 26	holes		•	•	442	27-44	51				
33.*					PROI	OUCTION						
DATE FIRST PRODUCT	ION F		N METHOD (Flowing, g	as lift, p	um ping—si	ze and i	type of pum	p)	ah:	ut-in)	(Producing or
12-15-87	<u> </u>		lowing					GASMC		WATER-BB		IN GAS-OIL BATIO
12-17-87	64.5	TED	24/64,2	TEST	N. FOR PERIOD	OIL-BBI)	1	mcf	0	·	na
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34. DISPOSITION OF G	AS (Sold, use	d for fuel	, vented, etc.)						Jim l		
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36. I hereby certify			nd Attached	Information	n is com	olete and c	rrect a	s determine	d from a	l available	records	1/ /-
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WORKOVER REPORT

San Arroyo Unit #24 Sec. 19-T16S-R26E Grand County, Utah

11-24-87 - PO: Cleaning off location. MU dirt work equipment. Location muddy, silt 4' deep.

11-25-87 - SDF Holiday, clean off location, rebuild road.

11-26-87 - PO: Prepare to MI rig. SDF Holiday

11-27-87 - PO: SDF Holiday

11-28-87 - PO: Prepare to TO with 2-3/8" tbng. RU slick line & check TD. Tag @ 4499', set down solid, ran BHP. No FL level in well, static BHP 5480 psig. Install anchors, open well to blow down @ 11:45 p.m., SI @ 2:30 p.m., MIRU workover rig. SDFN, tbng 550 psig @ 4 p.m., received & unloaded 316 jts 2-3/8" 4.7# N-80 EUE tbng

DC: \$3,493 CC: \$6,038

11-29-87 - PO: SLM out with 2-3/8" tbng, SITP 0#, SICP 75#, Clean up wellhead bolts, could not break bolts, cut off 1 bolt, found wrong series of bolts with BOP, WO 600 series bolts & cut & replace bolts, mix 3% Kcl water with L55 Clay stabilizer, pump 20.5 bbls down well to kill well, annulus dead, tbng blew down in 5 min., tbng kicked off in 10 min., pump 10.5 bbls down tbng, well dead, set off tree, NU BOP, pull donut with 64,000# and it came free, rig settled in mud, LD 1 jt tbng with donut on it, PU 2 jts tbng, tag fill @ 4506', LD 2 jts tbng, re-level rig, SDFN

DC: \$2,561 CC: \$8,599

11-30-87 - PO: RIH with 3-7/8" bit & bailer, SICP 75 psig, blew down in 5 minutes. Pull thng & strap. Well kicked off 22 stands out, kill well with 40.5 bbls 3% Kcl water & finished trip. SLM total 4991', PU notched collar & hydro bailer, PU 2-3/8" 4.7# N80 EUE thng work string and RIH, tag fill @ 4484' and begin cleaning out. Cleaned out 3' & broke thru 20', set down solid @ 3571', rotate & spud with no progress. pull out on empty bailer, had 2.4 bbls 3% Kcl water plus 6' loose sand, bottom of bailer contained large chunks of compacted formation sand & frac sand. Notched collar on bailer bent. SDFN

DC: \$ 1,667 CC: \$10,566

WORKOVER REPORT

San Arroyo Unit #24 Sec. 19-T16S-R26E Grand County, Utah

12-01-87 - PO: RU to log and perf, SICP 25 psig, blow down in 2 minutes, TI with 3-7/8" bit & hydro bailer, tag fill @ 4568', bail 3', set down hard, rotate with tongs & work down 2', fill 3', clean out from 4573'-4676', plugged bailer, TO with bit & bailer, well kicked off 58 stands out, kill with 13.5 bbls 3% Kcl, 330' frac sand, make up bailer & RIH with notched collar, tag @ 4670', clean out to 4723', TOOH LD bailer, rec 1.16 bbls Kcl water, 120' frac sand, SDFN.

DC: \$3,414 CC: \$13,980

12-02-87 - PO: Swabbing, well flowing on 12/64" choke at 50 psig. RU Dyna-Jet and run a gamma ray collar correlation log from 4707'-4200', No fluid in hole. Perf as follows: 4609-4634' 1 JSPF, 26 holes; 4427'-4451' 1 JSPF, 26 holes; using a 3-1/8" csng gun and 12 gram DML charges. FL on second run @ 3000', run a guage ring to 4707', FL @ 2700'. PU tension pkr & RIH, set pkr @ 4555', 12,000# tension. RU & swab. IFL 2700', swab from 4000' & recover 2 bbls Kcl water. Run swab and well kicked off. Install 20/64" choke tested for 1/2 hr. SIP 580#, FTP 350#, est. 848 MCFD. RU Dowell acidize with 1250 gals 15% Hcl containing inhibitor, clay stabilizer, iron sequestering agent, non-ionic surfactant, and 35 ball sealers. AIR 3-1/2 bbls/min @ 200-3800#. Break down @ 3000# & broke to 500#. Pressure gradually increased to 1750# throughout job. Good ball action & did not ball out. ISIP 0#. Flushed with 19 bbls 3% Kcl water. Swab well and recovered 4 bbls in 3 runs. Installed 12/64" choke and left open to tank all night. SDFN, 45 BLTR

DC: \$8,044 CC: \$22,024

12-03-87 - PO: Running BHP buildup. Remove 12/64" choke, blow down and run swab. FL @ 2000', made 2 runs & well kicked off. Recovered 14 bbls 3% Kcl water. Let well flow to cleanup & recovered 19 bbls spent acid & Kcl water. Install 20/64" choke & flow to pit. IP 300# flowing @ 195# in 3-1/2 hrs. Flowed @ 195# for 4 hrs. RU and run BHP bomb. Flow well for 1 hr. and SI for buildup. FFL 199#, ISIP 230#, 15 min SIP 310#, SDFN

DC: \$2,344 CC: \$24,368

WORKOVER REPORT

San Arroyo State #24 Sec. 19-T16S-R26E Grand County, Utah

12-04-87 - PO: Prepare to frac. SITP 495#, SICP 565#, Running BHP buildup. Pressure after 15.5 hrs SI 549#. Blow csng for 40 min and no apparent communication. RU Dowell to frac. Sand transport late and SDFN. Plan to frac down 2-3/8" tbng. Will spot gel plug across existing perfs & pressure back side to 1000#.

DC: \$3,350 CC: \$27,718

12-05-87 - PO: Flow testing. FTP 160#, 20 hrs. 18/64" choke, SICP 545#, 67-1/2 hrs. Pumped 10 bbls Kcl thru tbng. Changed out TI with valve. RU Dowell, load backside with cross link gel & N2. Test line to 7500#, frac down 2-3/8" tbng with 33,600 gals of 75% quality foam with 21,500# 20/40 sand. Screened out at 3# per gal at 7200# at 12 BPM, max pressure 7200#, MIR 12 BPM, avg. 12 BPM @ 5300#. ISIP 6500#, 5 min 4990#, 10 min 4516#, 15 min 4378#. Flow back on 28/64" choke. Well flowing sand. Changed chokes to 24/64", 20/64" and to 18/64" choke. Flowing at 160#, 18/64" choke @ 7 a.m.

DC: \$25,371 CC: \$53,089

12-06-87 - PO: Flow testing after frac. Flow test. Installed 12/64" choke @ 10 a.m. 12-5-87. Opened at 250#, increased to 340# in 6 hrs.

DC: \$1,284 CC: \$54,373

12-07-87 - PO: Prepare to move to next zone. 24 hr. flow test on 12/64" choke @ 355#, very small amount of fluid. FTP 355#, SICP 545#, est. 284.7 MCF in 24 hrs.

DC: \$420 CC: \$54,793

12-08-87 - PO: TI to tag sand prior to acidizing. Mix 80 bbls 3% Kcl water and clay stabilizer, kill csng with 21.6 bbls 3% kcl. Kill tbng with 10.8 bbls 3% Kcl. Release pkr & pulled tight for 2 stands. To with tbng & pkr. Pulled tight @ 41-46 stands out. Well kicked off with 46 stands out. kill with 10 bbls 3% Kcl. Finish TO & LD pkr. PU RBP & setting tool. RIH & set RBP @ 4521'. POOH & well kicked off 10 stands out. Kill with 10 bbls 3% Kcl & finish trip. LD setting tool, 1/2 dump 600# 20/40 sand followed with 16 bbls 3% Kcl water. close in & SDFN

DC: \$2,839 CC: \$57,632

WORKOVER REPORT

San Arroyo State #24 Sec. 19-T16S-R26E Grand County, Utah

12-09-87 - PO: Prepare to acidize. SICP 45#, blew down in 5 min., TIH with 1 jt tbng & notched collar & tension pkr. Run 70 stands & 1 single of 2-3/8" tbng. Tag sand @ 4471'. WO Dowell. RU Dowell. SDFN. Acidize 12-9-87

DC: \$2,166 CC: \$59,798

12-10-87 - PO: Prepare to frac. NU Dowell. Load back side with 42 bbls Kcl water. Spot 5 gals of 15% Hcl with 17 bbls 3% Kcl water thru tbng. ND Dowell, pull 2 stands and set pkr @ 4307' with 18,000# over pull. NU Dowell test lines to 5000#. Acidize with 1225 gals 15% Hcl with A-25 L55 & L58 & surfactant & 65 1.3 NCB sealers. Broke down @ 2900#, no ball action. Final testing pressure 2100#. ISIP 1200#, 0# in 5 min. Max pressure 2900#, avg. pressure 2500#, AIR 6 BPM, avg 5 BPM, ND Dowell. SDFN

DC: \$3,707 CC: \$63,505

DRILLING REPORT

San Arroyo Unit #24 Sec. 19 T16S-R26E Grand County, Utah

12-11-87 - FTP 60 psig. SICP 0#.. Remove 12/64" choke and blow down well. Release packer and tag sand at 4471'. Spot 100# 100 mesh sand from 4471' - 4460' with 17 Bbls 3% Kcl water. Reset packer at 4307' w/ 20,000# overpull. RU Dowell, test lines to 8,000 psig and frac Dakota perfs 4427-4451' with 60,700 gal 75% quality foam containing 15,000# 100 mesh sd and 40,000# 20-40 sd. Max pressure 6050 psig., final pressure 5644 psig, avg. pressure 5850 psig. AIR 12 BPM. ISIP 3650 psig, 5 min 3524 psig. 10 min. 3428 psig, 15 min. 3377 psig, 30 min. 3263 psig. Rig down Dowell. 1:00-3:00 SI. 3:00-7:00. Flow back frac on 18/64" choke. Initial pressure 2900 psig, FTP 2500 psig. Dropped to 500 psig in two hrs, holding fairly steady. Flowing back fluid with no noticeable sand.

DC: \$34,058 CC: \$99,616

12-12-87 - Prepare to rls prk. Csg 4½" 10.5# J-55. Surface to TD. ID 3.972. PB TD 4996'. TD 5039'. BP set at 4725'. Ret BP @ 4521'. Pkr @ 4307'. Open perfs 4427-51. 4499-4505. 4609-34. Flow back rates: 238 MCF at 7 am. 92 Bbls. 646 MCF @ 3 pm. 130 Bbls. 714 MCF @ 7 am. 217 Bbls.

DC: \$2612 CC: \$102,227

12-13-87 - Blow down csg. Load tbg w/ 21.6 Bbls 3% Kcl. Kill well. Unseat Pkr & TOH. Ld prk - pkr rubbers torn. P/U Hydrostatic bailer assembly & TIH. Tag sand @ 4468'. Bail to 4515'. No progress in 1 hr. TOH w/ Bailer. Rec. 420' of Drlg water & 60' sd w/ frac balls & pkr rubber. TIH w/ bailer. Tag sd @ 4508'. Bail to 4521'. Latch into RBP & TOH. Rec 240' dirty water & 60' sd. Well kicking through csg. Close blinds. LD bailer & RBP. Draining & SDFN.

DC: \$1595 CC: \$103,823

12-14-87 - 7:00 - 5:00 - Thaw out rig tank valves, MI 70 Bbls Kcl. 8:00 - 10:00. Wait on sub for ball valve. 10:00 -11:00-kill well with 48.6 Bbls 3% Kcl. 11:00 - 12:30 - PU Bailer assembly. RIH & tag sand @4650'. Bail to 4696'. Kill well through tbg. & csg. w/ 21 Bbls Kcl. 1:00 - 5:00. TOH - Kill well with 17 Bbls

San Arroyo Unit #24 Sec. 19 T16S-R26E Grand County, Utah

3% Kcl. Finish LD Tbg & Bailer, Rec. 90' and 30' sand. Close blinds - drain up and SDON.

DC: 34,341 CC: 107,257

12-15-87 - 7:00 - 2:00 Thaw out valves. Kill well with 45 Bbls 3% Kcl. TIH w/ seating nipple. Below 143 lbs. 2 3/8" EUE J-55 tbg. Well K/o through tbg. Kill tbg & land tbg @ 4399.85 GLM. ND BOP. N/U tree. Hook up flow line to frac tank 2:00 - 3:00 Clean out tank and release 1 frac tank. Release BOP & Accumulator. Release rig @ 3:00 p.m. 12-14-87. Left 306' prod. tbg. on location. = 9215'. Left 166 stds 2 3/8" N-80 tbg on loc. not strapped.

DC: \$1445 CC: \$108,702

12-16-87 - Flowed well on 24/64" choke for 43 hrs. 280 psig. Flow rate calculated at 1003 MCF.

DRILLING REPORT

San Arroyo Unit #24 Sec. 19-T16S-R26E Grand County, Utah

12-17-87 - Well flowing on 24/64" ch for 49 1/2 hrs w/ 280 psig. Changed choke to 20/64" for 15 hrs. Pressure gradually increasing to 350 psig. Calculated 885 MCF. Well shut-in at 7:00 a.m. 12/17/87. Wait on pipeline connection.

PRODUCTION REPORT

Week Starting 1-10-88

Week Ending 1-16-88

Date	Diff	Static	Volume	Tubing	Hrs Prod	Remarks
1-7	4.4	3.9	.442	320	24	Increased Volume Today
1-8	5.5	4.0	.520	310	24	
1-9	5.3	4.0	.500	300	24	
1-10	5.0	4.0	.460	295	24	
1-11	5.0	4.0	.460	295	24	
1-12	4.9	4.0	.450	300	24	
1-13	4.9	4.0	.450	300	24	Unloaded small amt.
1-14	7.5	4.0	.635	410	24	
1-15	7.5	3.9	.630	380	24	Put tbg. controller into serv.
1-16	7.8	4.0	.699	320	24	Maintaining control on tbg press.

PRODUCTION REPORT

Week Starting 1-17-88

Week Ending 1-28-88

Date	Diff.	Static	Volume	Tubing	Hrs. Prod	Remarks
1-17 1-18 1-19 1-20	7.2 7.0 7.0 5.1	4.2 4.0 4.2 4.3	.628 .620 .620 .332	310 305 305 320	24 24 24 16	Controller
1-21 1-23 1-24 1-25 1-26 1-27 1-28	6.8 6.5 7.2 6.8 6.5 6.2 6.1	4.3 4.4 4.2 4.1 4.2 4.3 4.3	.570 .570 .620 .590 .570 .531	310 305 305 305 310 310	24 24 24 24 24 24 24	shut off

Week Starting 1-29-88

Week Ending 2-1-88

Date	Diff	Static	Volume	Tubing	Hrs. Prod.	Remarks
1-29 1-30 1-31 2-1 2-2	6.1 6.1 6.2 6.3 6.0	4.3 4.3 4.2 4.4 4.5	.523 .523 .519 .550	310 305 300 305 310	24 24 24 24 24	Opened Tubing
2-3 2-4 2-6 2-7 2-3 2-9 2-10	5.8 5.8 5.9 6.0 6.9	4.4 4.4 4.5 4.5 4.5	.500 .526 .500 .510 .515 .515	270 260 260 260 260 260 265	24 24 24 24 24 24 24	Controller

Ferm 3160+5 (Nevember 1983) (Furmerly 9+331)	UNITED ST DEPARTMEN OF T BUREAU OF LAND A	HE INTERIOR	SUBMIT IN TRIPICAL (Other instruction of verse side)	Expir	et Burcau No. 16 es August 31, 16 Esignation and Bi	985
SUN (Do not some this	DRY NOTICES AND	REPORTS ON deepen or plug back	WELLS	6. IF INDIA	N, ALLOTTEE OR TE	IBE NAME
OIC GAS WELL WELL 2. NAME OF OPERATOR	X OTHER		APR 18	J dan	Arroyo	
Birch Corpora			DIVISION	San OF 9. WBLL M	Arroyo o.	
3801 East F16 1. LOCATION OF WELL (E See also space 17 beloat surface	orida Ave Suite #90 Support location clearly and in accommoders 2450 NFL 1495 FWL	ordance with any Stat	80219 O/L, GAS & M	San 11. sec., t	No 24 AND FOOL, OR WILD Arroyo M., OR BLE. AN FET OR ARMA 19 T16S, R2	TD
14. PERMIT NO. 43-019-15903	15. ELEVATIONS	(Show whether DF, RT,	GR, etc.)	12. COUNT Gran	or parise 13. o	tah
16.	Check Appropriate Box	To Indicate Natu		or Other Data		
TEST WATER SHUT-O FRACTURE TREAT SHOOT OR ACIDIZE REPAIR WELL (Other)	PULL OR ALTER C MULTIPLE COMPLE ABANDON* CHANGE FLANS R COMPLETED OPERATIONS (Clearly well is directionally drilled, giv	TTE	Completion or Re	esults of multiple	a to atch heteralts	terting any
This well was on 11-28-87 a	s recompleted as per and finished on 12-1	the attached 7-87.	procedure. The	e workover v	vas started	
18. I hereby dentify that	the foregoing is true and correct				1/12/1	/
SIGNED	my + meg	TITLE _Oper	ations Manager	DA1	ris _7/10/0	<u> </u>
APPROVED BY	or State office use)	TITLE		DAT	ге	

*See Instructions on Reverse Side

BIRCH CORP 1-303-759-4400

DEBRA CHRISTENSEN
CINDY BOCKENSTEDT

7-22-63 MRSN 4794-4815 11-14-65 DKTA 4424-4520 CIBP 4725'

12-17-87 CDMTN 4609-4634 DKTA 4427-4451

51 12-17-87

8-18-88

PER CINDY, WELL WAS CISTED AS SI ON THE WCR-BUT ONLY UNTIL HOOKUP. WELL IS NOW A PRODUCER.

CINDY WILL SEND SUNDRY STATING WELL WAS CO-MMINGLED DK-CM.
AS OF 12-18-87.

ULC-DOGM

SUBMIT IN TRIPLE ATE: (Other instructions on reverse side)

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES

DIVISION OF OIL, GAS, AND MINING	5. LEASE DESIGNATION AND SERIAL NO. U-06188		
SUNDRY NOTICES AND REPORTS ON WELLS	6. IF INDIAN, ALLOTTER OR TRIBS NAME		
OIL WELL X OTHER	7. UNIT AGASSMENT NAME San Arroyo		
The Birch Corporation	San Arroyo		
P.O. Box 5427 T.A. Denver, CO 80217 OIL, GAS & MINING	Unit No. 24		
LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface	San Arroyo		
2450' FNL 1495' FWL: 33 733	Sec. 19, T16S, R26E		
14. PERMIT FO. 12. SEVATIONS (Show whether W. H. M. MA.) 43-019-15903	Grand Utah		
Check Appropriate Box To Indicate Nature of Notice, Report, or Superior of Interest of Interest of Indicate Nature of Notice, Report, or Superior of Interest of Indicate Nature of Notice, Report, or Superior of Indicate Nature of Notice, Report, or Superior of Indicate Nature of Notice, Report, or Superior of Notice, Report, Notice, Re	Other Data		
PULL OR ALTER CASING WATER SHUT-OFF PRACTURE TREAT MULTIPLE COMPLETS SHOOT OR ACIDIZE REPAIR WELL CHANGE PLANS (Other) CHANGE PLANS (Other) CHANGE PLANS (Other)	ALTERING VELL ALTERING CASING ASAMDOMMENTO X S of multiple completion on Well Heting Report and Log (norm.)		
17. DESCRISE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertisent dates	including estimated date of starting any		

As of the December 17, 1987 recompletion, the well was duall completed and commingled in the Cedar Mountain and Dakota formations.

SIGNED	Operations Manager	DATE 8/22/88
(This space for Federal by State office use) APPROVED BY CONTROL OF APPROVAL IF ANT:	TITLE	DATE

Jogc.18

DEPARTMENT W NATURAL RESOURCES

UBMIT_IN	TRIPLICATE:
(Oth :	structions on
<	perside)

	5. LEASE DESIGNATION AND SERIAL NO.
SUNDRY NOTICES AND REPORTS ON WELLS (Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT—" for such proposals.)	G. IF INDIAN, ALLOTTES OR TRIBE NAME
	7. UNIT AGREEMENT NAME
WELL WELL XX OTHER	8, PARM OR LEASE NAME
Graham Royalty, Ltd.	
1675 Larimer Street, Suite 400, Denver, Colorado 80202	9. WELL NO.
LOCATION OF WELL (Report location clearly and in accordance with any State requirements.	ALO. PIBLD AND POOL, OR WILDCAT
See also space 17 below.) At surface	711. SEC., T., B., M., OR BLE. AND
MAY 0 1 1989	SUBVET OR AREA
ISION OF	
15. BLEVATIONS (Show whether DF. RT. GR. etc.) GAS & M!NING	12. COUNTY OR PARISM 18. STATE
Check Appropriate Box To Indicate Nature of Notice, Report, o	or Other Data
	BESQUENT SEPORT OF:
TEST WATER SEUT-OFF PULL OR ALTER CASING WATER SHUT-OFF	REPAIRING WELL
PRACTURE TREAT MULTIPLE COMPLETE FRACTURE TREATMENT	ALTERING CASING
SHOOT OR ACIDIZE ABANDON* SHOUTING OR ACIDIZING	Oponaton ABANDONMENT*
REPAIR WELL CHANGE PLANS (Other) Change of	aulte of multiple completion on Yell
7. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent d proposed work. If well is directionally drilled, give subsurface locations and measured and true vi	completion Report and Log torm.
Effective April 1, 1989 Graham Royalty, Ltd. took over as op	perator from Birch Corporatio
on various wells in the San Arroyo Field.	
The attached Exhibit shows a list of wells and their locatio	on.
	*
18. I hereby certify that the forespine is true and correct	DATE April 25, 1989
SIGNED Skilley & Dover TITLE Vice President	DATE April 25, 1989
AIGNED Skilley & Dover TITLE Vice President	DATE April 25, 1989

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Entrada Unit
                                         SE NW Sec. 26-16S-25E
                                                                 Grand Co., UT
  San Arroyo
                  1
                                                                  Grand Co., UT
                  2
                        Entrada Unit
                                         SE NW Sec. 22-16S-25E
  San Arroyo
                  3
                        Entrada Unit
                                         SE NW Sec. 23-16S-25E
                                                                 Grand Co., UT
  San Arroyo
                                         NW SE Sec. 25-16S-25E
                  5
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                        Entrada Unit
  San Arroyo
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                        Entrada Unit
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  San Arroyo
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  San Arroyo
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  Black Horse 31-1
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I pu tackie cannon from Buch, Gerham Royatty does not own
   this well. 15 5/15/89
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355 West North Temple, 3 Triad Center, Suite 350, Salt Lake City, Ut 84180-1203. ● (801-538-5340)

Page 2 of 5



MONTHLY OIL AND GAS PRODUCTION REPORT

Operator name and address:	·				
•GRAHAM ROYALTY, LTD.				Utah Account No	N0505
1675 LARIMER STREET				ļ.	
DENVER CO	80202			Report Period (Mo	nth/Year) <u>5 / 89</u>
ATTN: CINDI ROBBINS		-	•	Amended Report	
				·	
	Producing	Davs	Production Volume		
88 Ct	Zone		Oil (BBL)	Gas (MSCF)	Water (BBL)
SAN ARROYO 22			-		·
4301915902 00500 16S 25E 15	DKTA				
SAN ARROYO #24	DK-CM				
4301915903 00500 16S 26E 19	חא-נה				
SAN ARROYO 25 4301915904 00500 16S 25E 21	DKTA				
SAN ARROYO #26					
4301915905 00500 16S 26E 20	DK-MR				
SAN ARROYO 27				†	
4301915906 00500 16S 26E 29	DKTA	<u> </u>	<u> </u>		
SAN ARROYO 28				•	
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SAN ARROYO 32					1
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SAN ARROYO 33	DKTA				
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-430133123.	<u> </u>				
•		TOTAL			
•			·		
Comments (attach separate sheet if nec	essary)				
•				•	
·					
I have reviewed this report and certify the	e informatio	on to b	ne accurate and complete.	Date	<u> </u>
I nave reviewed this report and certify the	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,				
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Authorized signature				, oropination	
	*				
			•		



June 6, 1989



State of Utah Natural Resources Oil & Gas Program 3 Triad Center, Suite 350 Salt Lake City, Utah 84180-1203

DIVISION OF OIL, GAS & MINING

Attention: Ms. Tammy Searing

Dear Ms. Searing

Per telephone conversation this date we would like to split the wells shown on the monthly Oil & Gas Production Report turnaround document.

We would like entity numbers; 00500, 00505, 00515, 00520, 08340, 08341, and 09710, to be included on a seperate report and mailed to our agent for these wells: Natural Gas Gathering Company of Texas, 12700 Northborough, Suite 100, Houston, TX 77067.

All other wells shown on our monthly report should continue to be mailed to: Graham Royalty, Ltd., 1675 Larimer Street, Suite 400, Denver, Colorado 80202.

If you should have any questions, please advise.

Sincerely,

C. C. Robbins

Reg. Affairs Supervisor

CCR/ng

June 6, 1989

DECENVED JUN 0 8 1989

State of Utah Natural Resources Oil & Gas Program 3 Triad Center, Suite 350 Salt Lake City, Utah 84180-1203

DIVISION OF OIL, GAS & MINING

Attention: Ms. Tammy Searing

Dear Ms. Searing

Per telephone conversation this date we would like to split the wells shown on the monthly Oil & Gas Production Report turnaround document.

We would like entity numbers; 00500, 00505, 00515, 00520, 08340, 08341, and 09710, to be included on a seperate report and mailed to our agent for these wells: Natural Gas Gathering Company of Texas, 12700 Northborough, Suite 100, Houston, TX 77067.

All other wells shown on our monthly report should continue to be mailed to: Graham Royalty, Ltd., 1675-Larimer Street, Suite 400, Denver, Colorado 80202.

If you should have any questions, please advise.

Sincerely,

C. C. Robbins

Reg. Affairs Supervisor

Oil (NT) (AS

CCR/ng

Form DOGM-6

Submit in Duplicate



STATE OF UTAH

BOARD AND DIVISION OF OIL, GAS AND MINING

OIL, GAS & MINING

DESIGNATION OF AGENT

The undersigned producer, operator, transporter, refiner, gasoline or other extraction plant operator or initial purchaser who is conducting oil and/or gas operations in the State of Utah, does, pursuant to the Oil and Gas Conservation General Rules and Procedural Rules of the Board of Oil, Gas and Mining of the State of Utah, hereby appoint

Northstar Gas Company, Inc.		<u> </u>
256 E. North Sam Houston Parkway,	Suite 250	
(Address)		
Houston, Texas 77060		

(his, her or its) designated agent to accept and to be served with notices from the Board and Division Director or Authorized Agent in accordance with the Oil and Gas Conservation Act of the State of Utah.

The undersigned further agrees to immediately report in writing, all changes of address of the agent, and any termination of the agent's authority, and in the latter case, the designation of a new agent or agents shall be immediately made. This designation of agent, however, shall remain in full force and effect until and unless a new designation of agent is filed in accordance with the statute and/or rules.

Effective Date of Designation _	March 1, 1990
Company Graham Royalty, Ltd.	Phone (303) 629-1736
Address 1675 Larimer Street, Suite 400	· · · · · · · · · · · · · · · · · · ·
Denver, Colorado 80202	
By Signature) Wilbur L. Dover	Title_Vice President/Division Manag

256 E. North Sam Houston Parkway, Suite 250, Houston, Texas 77060 (713) 820-6886

April 5, 1990

Utah Natural Resources 355 West North Temple 3 Triad Center, Suite 350 Salt Lake City, Utah 84180-1203

DIVISION OF OIL, GAS & MINING

To Whom It May Concern:

Northstar Gas Company is the new operating agent for Graham Royalty, Ltd. Please make any corrections necessary so we may receive our correspondence from your agency. The new information is as follows:

Northstar Gas Company 256 E. North Sam Houston Parkway, Suite 250 Houston, Texas 77060 713-820-6886

Thank you.

Sincerely,

Paul A. Bernard, Jr.

Controller

NORTHSTAR GAS COMPANY

PAB/lr Enclosures

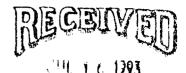
STATE OF UTAH DITISION OF OIL, GAS AND MINING

Page	2	of	4	
rage	-	OI	•	

MONTHLY OIL AND GAS PRODUCTION REPORT

OPERATOR NAME AND ADDRESS:			UTAH	ACCOUNT NUMBER:	N0505	
C/O NORTHSTAR GAS CO IN GRAHAM ROYALTY LTD 15000 NW FREEWAY STE 20 HOUSTON TX 77040				RT PERIOD (MONTH/ IDED REPORT [] (Hig		33
Well Name	Producing	Well	Days		Production Volumes	·
API Number Entity Location	Zone	Status	Oper	OIL(BBL)	GAS(MCF)	WATER(BBL)
SAN ARROYO 22 4301915902 00500 16S 25E 15	DKTA -	-4-05011	-A			
SAN ARROYO #24 4301915903 00500 16S 26E 19	DK-CM	-U-0618	8			
SAN ARROYO 25 ~4301915904 00500 16S 25E 21	DKTA -	-U-0257	44			
SAN ARROYO #26	DK-MR	-U-0252	91			
SAN ARROYO 27 4301915906 00500 165 26E 29	DKTA -	4-0602	1			
SAN ARROYO 28 ~4301915907 00500 16S 26E 29	DKTA -	U-05650	,			
1 ARROYO 29 4301915908 00500 16S 25E 22	DKTA -	-U-6370	A			
SAN ARROYO #30 4301915909 00500 16S 26E 21	DKTA -	-U-0565				
SAN ARROYO 31 4301930527 00500 16S 25E 22	DKTA -	U-0370	A			
SAN ARROYO 32 ~4301930528 00500 16S 25E 14	DKTA -	4-050/1	8			
ARCO 27-1 • 4301930570 00500 165 25E 27	DKTA ~	W29645		- HIN UNIT WELL	B/m/Moab N	APRU eH. 1-10-94
SAN ARROYO 33 ✓4301930608 00500 16S 25E 25	DKTA	U-0369				
SAN ARROYO UNIT #36-A 4301931251 00500 16S 26E 19	DK-MR	4-06188	7			
	•		TOTALS			
OMMENTS:						
						•
I hereby certify that this report is true and com	plete to the	best of m	ny knowledg	e. Dat	e:	
Name and Signature:	· · · · · · · · · · · · · · · · · · ·			Tele	ephone Number:	•





July 14, 1993

TO NOISIVIU TO UNIA & BAY TO

State of Utah Division of Oil, Gas and Mining 355 West North Temple 3 Triad Center, Suite 350 Salt Lake City, UT 84180-1203

Attn: Ms. Lisha Cordova

Dear Ms. Cordova,

Effective August 1, 1993 we would like to change our operator name from Graham Royalty, Ltd. to Graham Energy, Ltd. Per our conversation this date it should be a simple change as no bond changes are required.

Denver, Colorado 80202

Attached is a list of the wells affected. Thank you.

Sincerely,

Cynthia C. Robbins

Regulatory Affairs Supervisor

CC: Ken McKinney

1675 Larimer Street

Division of Oil, Gas and Mining PHONE CONVERSATION DOCUMENTATION FORM

	te original/copy to: Well File (Location) SecTwpRng	[] Suspense (Return Date) (To - Initials)	
	(API No.)		
1.	Date of Phone Call: 7-19-93	- Time: _3.4	00 ·
2.	DOGM Employee (name) Talked to:	L. Cordore	(Initiated Call 幻)
	Name <u>Cynthie Robbins</u> of (Company/Organization)		none No. <u>(303)629-1736</u>
3.	1 /		Energy GTD.
4.	Highlights of Conversation: Agent "Horthstar Las Co. I. mailing address. Change YA to Tx. (updated 7.2293	address for Graham E	same as is Houston vergy ITS from
	* 931116 - Linda Coldsby " Gra	him" referred to Bm	15.4.
	·		

	of Oil, Gas and Mining OR CHANGE HORKSHEET *		g	Routing:
	ll documentation received by the division rega each listed item when completed. Write N/A if		7	1-LEC 7-SJ 2-DPS 8-FILE 3-VIC 4-RJE V 5-EVC
	ge of Operator (well sold) gnation of Operator **E	∃ Designation of Agent ▼Operator Name Change O		5-PLCP
The ope	erator of the well(s) listed below ha	s changed (EFFECTIVE DA	TE: 8-1-93)
TO (new	GRAHAM ENERGY LTD (address) (address) C/O NORTHSTAR GAS CO INC 15000 NW FREEWAY STE 203 HOUSTON, TX 77040 phone (713) 937-4314 account no. N 7590	_ FROM (former operato _ (addre _ _ _ _	or) GRAHAM ROYALTY (55) C/O NORTHSTAR (15000 NW FREEW HOUSTON, TX 7 phone (713)9 account no	GAS CO INC VAY STE 203 77040 937-4314
Hell(s)	(attach additional page if needed):	*SAN ARROYO UNIT, NW-11	5, ETC.	
Name:_ Name:_ Name:_ Name:_ Name:_	*SEE ATTACHED** API:	Entity: Sec	_TwpRng Lea _TwpRng Lea _TwpRng Lea _TwpRng Lea _TwpRng Lea	se Type:se
<u>NA</u> 2.	OR CHANGE DOCUMENTATION (Rule R615-8-10) Sundry or other operator (Attach to this form). Checked (Rule R615-8-10) Sundry or other leg (Attach to this form). The Department of Commerce has been operating any wells in Utah. Is contained to the contained of the c	19-16-93/ gal documentation has be ly,40, Brahem Energy,470 and	een received from Braham Resources Inc	<u>new</u> operator c.
	ves. show company file number: #10078	33 .		
1	(For Indian and Federal Hells ONLY (attach Telephone Documentation Fo comments section of this form. Machanges should take place prior to c	orm to this report). nagement review of Fede completion of steps 5 th	make note of Bi e <mark>ral and Indian</mark> v rough 9 below.	well operator
	Changes have been entered in the Oil listed above. $(1-10-94)$		•	for each well
<u>uc</u> 6.	Cardex file has been updated for eac	h well listed above. //-	-10-94)	
Jec 7.	Well file labels have been updated f	or each well listed abo	ve. (1-10-94)	
Lec 8.	Changes have been included on the m for distribution to State Lands and	onthly "Operator, Addre the Tax Commission. (/-	ss, and Account (Changes" memo
Lec 9.	A folder has been set up for the Opplaced there for reference during ro	verator Change file, and outing and processing of	a copy of this the original doc	page has beer uments.

ERATOR	CHANGE WORKSHEET (CONTINUED) Itial each item when completed. Write N. 2 if item is not applicable.
ENTITY	REVIEH
<u>tec</u> 1.	(Rule R615-8-7) Entity assignments have been reviewed for all wells listed above. Were entity changes made? (yes no) (If entity assignments were changed, attach copies of Form 6, Entity Action Form).
	State Lands and the Tax Commission have been notified through normal procedures of entity changes.
BOND VI	ERIFICATION (Fee wells only) # 50,000 Surely "St. Paul Fine and Marine Tres. Co", No chy. Messery, no Fee wells Ourrently associated with bond.
N/A 1.	(Rule R615-3-1) The new operator of any fee lease well listed above has furnished a proper bond.
N/H 2.	A copy of this form has been placed in the new and former operators' bond files.
NA 3.	The former operator has requested a release of liability from their bond (yes/no) Today's date 19 If yes, division response was made by letter dated 19
LEASE	INTEREST OWNER NOTIFICATION RESPONSIBILITY
015	(Rule R615-2-10) The former operator/lessee of any fee lease well listed above has been notified by letter dated 19, of their responsibility to notify any person with an interest in such lease of the change of operator. Documentation of such notification has been requested.
MA 2.	Copies of documents have been sent to State Lands for changes involving State leases.
FILMIN	G
1.	All attachments to this form have been microfilmed. Date: March 10 1994.
FILING	
1.	Copies of all attachments to this form have been filed in each well file.
_2.	The <u>original</u> of this form and the <u>original</u> attachments have been filed in the Operator Change file.
COMMEN	TS
94010	17 Btm/s.Y. Approved C.A. NW-115 and San arroyo Unit eff. 12-29-93.
71/3	A 25

S. E. U. T. CO. \ccomodation Recording Not Examined

Land Contract

ASSIGNMENT, BILL OF SALE AND CONVEYANCE

Entry No. 429639

Recorded 10-22.73 2 36 PM

BK. 457 Pg. 83 Fee 80°

Flore Masker

Recorder of Grand County

This Assignment, Bill of Sale and Conveyance ("Assignment"), is from each of Prudential-Bache Energy Growth Fund, L.P. G-1 and Prudential-Bache Energy Growth Fund, L.P. G-2, each a Delaware limited partnership and acting herein through their general partner, Graham Energy, Ltd. (collectively, "Assignor"), to Northstar Gas Company, Inc. ("Assignee"). Assignor has an address of 109 Northpark Boulevard, Covington, Louisiana 70433, and Assignee has an address of 15000 Northwest Freeway, Suite 203, Houston, Texas 77040.

For, and in consideration of Ten Dollars (\$10.00) cash and other good and valuable consideration in hand paid, the receipt and adequacy of which are hereby acknowledged, each Assignor does hereby, severally, and not jointly, Bargain, Sell, Transfer, Set Over, Grant, Assign, Convey and Deliver unto Assignee, all of such Assignor's right, title, interest and estate in and to the oil and gas properties described on Exhibit "A" (the "Oil and Gas Properties"). The Oil and Gas Properties shall include all mineral interests, working interests, overriding interests, reversionary interests, net profits interests, net revenue interests and any other interest of any kind without warranty of title either express or implied, to the extent they are owned and may be conveyed by Sellers.

The Oil and Gas Properties shall include, to the extent each Assignor may lawfully assign same, all of such Assignor's rights, title, interest and estate in and to the property and rights incident, and to the extent attributable, to the Oil and Gas Properties, the lands covered thereby or utilized therewith, including, without limitation, (i) all presently existing pooling or unitization agreements and the units created thereby, and all units formed by virtue of orders issued by applicable State regulatory agencies, (ii) all presently existing operating agreements and all other contracts, agreements and records, (iii) all personal property, easements, permits, surface leases, servitudes and rights-of-way situated upon or used in connection with the production, treating, storing or transportation of oil, gas or other hydrocarbons or minerals.

TO HAVE AND TO HOLD the Oil and Gas Properties unto Assignee and its successors and assigns forever.

NOTWITHSTANDING ANY PROVISION IN THIS ASSIGNMENT OR ANY DOCUMENT DELIVERED IN CONNECTION HEREWITH TO THE CONTRARY, THE OIL AND GAS PROPERTIES AND ANY OTHER PROPERTY OR RIGHTS CONVEYED HEREUNDER ARE CONVEYED "AS IS," "WHERE IS," "WITH ALL FAULTS," AND IN THEIR PRESENT CONDITION AND STATE OF REPAIR, AND WITHOUT ANY EXPRESS OR IMPLIED WARRANTY, INCLUDING WARRANTY OF TITLE OR ANY WARRANTY OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, OR CONFORMITY TO MODELS OR SAMPLES OR AS TO ANY CLAIM BY ASSIGNEE FOR DAMAGES BECAUSE OF DEFECTS, WHETHER KNOWN OR UNKNOWN, OR ANY OTHER SORT OF WARRANTY. ASSIGNEE HAS INSPECTED, OR HAS HAD THE OPPORTUNITY TO INSPECT, THE OIL AND

GAS PROPERTIES AND PREMISES FOR ALL PURPOSES, INCLUDING WITHOUT LIMITATION FOR THE PURPOSE OF DETERMINING THE PRESENCE OF ENVIRONMENTAL CONDITIONS, OF DETECTING THE PRESENCE OF NATURALLY OCCURRING RADIOACTIVE MATERIAL "(NORM)" AND MAN-MADE MATERIAL FIBERS "(MMMF)" AND HAS SATISFIED ITSELF AS TO THEIR PHYSICAL AND ENVIRONMENTAL CONDITIONS, BOTH SURFACE AND SUBSURFACE. ASSIGNEE ACCEPTS ALL OF THE SAME IN THEIR "AS IS," "WHERE IS," CONDITION, AND EACH ASSIGNOR EXPRESSLY DISCLAIMS ANY ARISING IN CONNECTION WITH ANY PRESENCE ENVIRONMENTAL CONDITIONS, NORM OR MMMF ON THE OIL AND GAS PROPERTIES.

From and after the Effective Time, Assignee hereby agrees to assume, be bound by and subject to each Assignor's express and implied covenants, rights, obligations and liabilities with respect to the Oil and Gas Properties, and Assignee's interest in the Oil and Gas Properties shall bear its proportionate share of royalty interests, overriding royalty interests and other payments out of or measured by production from and after the Effective Time.

This Assignment is made expressly subject to all existing overriding royalties or other burdens affecting the Oil and Gas Properties as listed on Exhibit "A."

Assignee and its permitted successors and assigns shall preserve and maintain all lease, contract and title files, well logs, well files, division orders and related files, title documentation, correspondence and other data and records in the possession of Assignor pertaining to the Oil and Gas Properties (the "Records") for a period of two (2) years from the date of acknowledgement of this Assignment, during such period shall afford Assignor and its duly authorized representatives access at all reasonable times during normal business hours to all Records as Assignor shall request in order to defend against, oppose or otherwise investigate any claims or potential claims against Assignor arising as a result of any acts, events or operations prior to the date of acknowledgement of this Assignment or as a result of this Assignment, and shall make any conveyance or transfer of the Oil and Gas Properties specifically subject to the obligations of this paragraph.

Notwithstanding any other provision herein to the contrary, this Assignment is made with full substitution and subrogation of Assignee in and to all covenants and warranties by others heretofore given or made to Assignors in respect of the Oil and Gas Properties or any part thereof.

The provisions hereof shall be covenants running with the land and shall be binding upon and inure to the benefit of the parties hereto, their respective successors and assigns.

In the event two or more Oil and Gas Properties cover the same land (e.g., an oil and gas leasehold interest included within the Oil and Gas Properties may cover the same land as a mineral, royalty or overriding interest included within the Oil and Gas Properties), no merger of title shall occur, and each of the Oil and Gas Properties covering the same land is conveyed and shall be owned by Assignee as a separate and distinct property.

Separate assignments of certain of the Oil and Gas Properties may be executed on officially approved forms by Assignor to Assignee in sufficient counterparts to satisfy applicable statutory and regulatory requirements. Those assignments shall be deemed to contain all of the exceptions, reservations, rights, titles, power and privileges set forth herein as fully as though they were set forth in each such assignment. The interests conveyed by such separate assignments are the same, and not in addition to, the Oil and Gas Properties conveyed herein.

The parties agree to take all such further actions and execute, acknowledge and deliver all such further documents that are necessary or useful in carrying out the purposes of this Assignment. Assignor agrees to execute, acknowledge and deliver to Assignee all such other additional instruments, notices, division orders, transfer orders and other documents and to do all such other and further acts and things as may be necessary to more fully and effectively grant, convey and assign to Assignee the Oil and Gas Properties conveyed hereby or intended so to be.

This Assignment may be executed in any number of counterparts, and each counterpart hereof shall be deemed to be an original instrument, but all such counterparts shall constitute but one assignment.

References in this Assignment and in Exhibit "A," to contracts, agreements or instruments shall not be deemed to create any rights in favor of any third party.

Assignee joins in the execution hereof for the purpose of being bound by all the terms, provisions, obligations and covenants herein specified.

IN WITNESS WHEREOF, this instrument is signed and executed in multiple counterparts as of the date (s) set forth on the acknowledgements hereto, but, shall be effective for all purposes as of 7:00 o'clock A.M., local time, September 1, 1993 (the "Effective Time").

ASSIGNORS:

PRUDENTIAL-BACHE ENERGY GROWTH FUND, L.P. G-1

By: Graham Energy, Ltd.,

as General Partner

Kenneth M. McKinney

Vice President

ATTEST:

Bv:

[SEAL]

By:

GROWTH FUND, L.P. G-2 Graham Energy, Ltd., as By: ATTEST: General Partner By: By: [SEAL] **ASSIGNORS' WITNESSES** TO **SIGNATURES: ASSIGNEE:** NORTHSTAR GAS COMPANY, INC. ATTEST: By: By: [SEAL] TO ASSIGNEE'S WITNESSES **SIGNATURE:**

PRUDENTIAL-BACHE ENERGY

Vice President

e President

STATE OF LOUISIANA

PARISH OF ORLEANS

ON THIS, the day of October, 1993, before me, the undersigned Notary, personally appeared Kenneth M. McKinney, who acknowledged that he is the Vice President of Graham Energy, Ltd., the general partner of Prudential-Bache Energy Growth Fund, L.P. G-1, a Delaware limited partnership, and that as President he is authorized to execute the foregoing instrument for the purposes therein contained by signing the name of said corporation as general partner of Prudential-Bache Energy Growth Fund, L.P. G-1.

IN WITNESS WHEREOF, I hereunder set my hand and official seal.

NOTARY PUBLIC

My Commission Expires:

WILLIAM H. HARDIE, III

NOTARY PUBLIC

Parish of Orleans, State of Louisiana

My Commission is issued for Life.

[SEAL]

STATE OF LOUISIANA

PARISH OF ORLEANS

ON THIS, the day of October, 1993, before me, the undersigned Notary, personally appeared Kenneth M. McKinney, who acknowledged that he is the Vice President of Graham Energy, Ltd., the general partner of Prudential-Bache Energy Growth Fund, L.P. G-2, a Delaware limited partnership, and that as President he is authorized to execute the foregoing instrument for the purposes therein contained by signing the name of said corporation as general partner of Prudential-Bache Energy Growth Fund, L.P. G-2.

IN WITNESS WHEREOF, I hereunder set my hand and official seal.

NOTARY PUBLIC

My Commission Expires

WILLIAM H. HARDIE, III

Patish of Orleans, State of Louisiana My Cammission is issued for Life.

STATE OF LOUISIANA

PARISH OF ORLEANS

ON THIS, the day of October, 1993, before me, the undersigned Notary, personally appeared O. J. King, who acknowledged that he is the Vice President of Northstar Gas Company, Inc., a Texas corporation, and that as Vice President he is authorized to execute the foregoing instrument for the purposes therein contained by signing the name of said corporation.

IN WITNESS WHEREOF, I hereunder set my hand and official seal.

NOTARY PUBLIC

My Commission Expires

ISEAL

WILLIAM H. HARDIE, III NOTARY PUBLIC

Parish of Orleans, State of Louisland
My Commission is issued for Life,

EXHIBIT "A"

ATTACHED TO ASSISSMENT, BILL OF SALE AND CONVEYANCE

PART I

LINDS AND LINES

ALL IN GRAND COUNTY, UTAH UNLESS CYMMUNIUS SPECIFIED

Lease Serial		_	Description			Lease	Associated
Render	Leaser	Laccoo	of Lands	<u>Book</u>	Page	Date	Properties
ML-22208 (1038)	State of Utah	Atlantic Richfield Company	T15 1/2s, R24E, SLM Sec. 36: All T16s, R24E, SLM	220	177	9-28-64	ARCO State 2-1, 2-2, 36-7 36-8
			Sec. 2: All				
U-29645 (1174)	U.S.A.	Atlantic Richfield Company	T16S, R25E, SLM Sec. 27: SW/4,			5-1-75	ARCO 27-1 Valentine
			S/2 SE/4 Sec. 34: NE/4, NE/4 NH/4, NE/4 SE/4				Fed #2 ARCO Fed D-1
ML-25151 (191-1)	State of Utah	Sinclair Oil & Gas Company	T16S, R2SE, SLM Section 2: All	163	390	3-7-68	Bittercreek #1
J-0126528 (174-1)	U.S.A.	James F. Gilbert	T16S, R25E, SLM Sec. 11: N/2,			12-1-63	Federal Gilbert #1
(1/1 1)			N/2 SN/4, SE/4 SN/4, SE/4	·			Federal 174-1 ARCO Fed H-1
			Sec. 12: S/2				
U-0141420 (180-1)	U.S.A.	Sinclair Oil Company	T16S, R2SE, SLM Sec. 11: SW/4 SW/4			8-1- 64	Federal 174-1
ML-4113 (44-1)	State of Utah	Lois A. Aubrey	T16S, R25E, SLM Sec. 16: All	6 - Q	207	1-2-52	San Arroyo Unit Area
U-05011-A	U.S.A.	Pierce T. Morton	T16S, R25E, SLM			9-1-51 *4-1-55	Tenneco Fed 14-2
(45-2)			Sec. 14: WW/4, SE/4 SE/4, N/2 SE/4,			-4-T-22	San Arroyo
•		•	NE/4 SW/4 Sec. 15;: NE/4				Unit Area

Lease Segregated Effective

PART I

Loane Serial			Description			Lease	Associated
Renber	Leasor	Leans	of Lands	Book	Pege	Date	Properties
υ- 0369	U.S.A.	Clair D. Jones	T16S, R25E, SLM			2-1-51	San Arroyo
(46-1)	***************************************		Sec. 23: W/2				Unit Area
(10 1)			Sec. 24: W/2, SE/4,				
			S/2 NE/4				
			Sec. 25: 111				
			Sec. 26: W/2 S/2,				
			SE/4 SH/4, S/2 SE/4				
SL-071307	U.S.A.	James E. Croudace	T16S, R25E, SLM			12-1-50	San Arroyo
(47-1)			Sec. 23: 8/2				Unit Area
•			Sec. 26: 11/2				
U-0370-A	U.S.A.	Clair D. Jones	T16S, R25E, SLM			2-1-51	San Arroyo
(48-1)			Sec. 21: E/2 NE/4,			*6-1-55	Unit Area
			NE/4 SE/4				
			Sec. 22: All				
			Sec. 27: WE/4,				
			ME/4 MW/4, ME/4 SE/4				
U-05059-A	U.S.A.	L. J. Batchelor	T16S, R25E, SLM			10-1-51	San Arroyo
(49-2)			Sec. 15: WW/4 SW/4,			*9-19-61	Unit Area
			E/2 mi/4, Si/4 mi/4				
U-06021	U.S.A.	Fred A. Hoore	T16S, R26E, SLM			2-1-52	San Arroyo
(51-1)			Sec. 29: \$/2,				Unit Area
			S/2 WH/4, WH/4 WH/4				
U-060 2 3	U.S.A.	Adiel E. Stewart	T16S, R26E, SLM			2-1-52	San Arroyo
(52-1)			Sec. 30: All				Unit Area
•			Sec. 31: N/2 N/2				
U-06188	U.S.A.	C. M. Rood	T16S, R26E, SLM			*3-1-52	San Arroyo
(53-1)			Sec. 19: SN/4,				Unit Area
			S/2 NM/4, W/2 SE/4,				
			SE/4 SE/4				

Lease Segregated Rifective

REHIRIT "A"
PART I

Lease Serial	l		Description			Longo	Associated
Rosber	Locator	Leases	of Lands	Book	Page	Dete	Properties
U-05011-B	U.S.A.	Pierce T. Norton	9160 B3EF 67W			0.1.71	
	U.S.A.	Pletce 1. Morton	T16S, R25E, SLM Sec. 14: SW/4 SE/4,			9-1-51	San Arroy
(56-1)			W/2 SW/4, SE/4 SW/4			*2-1-57	Unit Area
			· · · · ·				
			Sec. 15: SE/4				
U-05059-C	U.S.A.	L. J. Batchelor	T16S, R25E, SLM			*3-1-57	San Arroyo
(57-1)			Sec. 15: E/2 SW/4,				Unit Area
			SH/4 SH/4				
U-0252 4 3	U.S.A.	Clair D. Jones	T16S, R25E, SIM			* 8-27-57	San Arroyo
(60-1)			Sec. 24: N/2 NE/4			0 2. 07	Unit Area
		No. 3 S. Manne	2160 2060 avu				
U-025245	U.S.A.	Fred A. Hoore	T16S, R26E, SLM			2-1-52	San Arroyo
(61-1)			Sec. 29: NE/4 NW/4			* 9-1-57	Unit Area
J-025297	U.S.A.	C. M. Rood	T16S, R26E, SLM			3-1-52	San Arroyc
(64-2)			Sec. 19: W/2 W/2				Unit Area
			S/2 WE/4, WE/4 SE/4				
			Sec. 20: W/2				
J-06188-B	U.S.A.	Sinclair Oil	T16s, R25e, SLM			3-1-52	San Arroyo
(74-1)		Corporation	Sec. 35: N/2				Unit Area
J-05059-F	U.S.A.	L. J. Batchelor	#160 D260 GTM			10 1 51	O 1
	U.S.A.	L. J. Datchelor	T16S, R25E, SLM			10-1-51	San Arroyo
(134-1)			Sec. 15: Mi/4 Mi/4			* 9-19-61	Unit Area
J-025243-A	U.S.A.	Clair D. Jones	T16S, R25E, SLM			2-1-51	San Arroyo
(139-1)			Sec. 26: SW/4 SW/4			*1-1-61	Unit Area
J -0565 0	U.S.A.	Virginia E. Lewis	T16S, R26E, SLM			12-1-51	San Arroyo
(176-1)		-	Sec. 21: Lots 2, 3,				Unit Area
<u>,</u>			4, W/2 W/2				
			Sec. 20: E/2				
			Sec. 28: Lots 1, 2,				
			3, 4 W/2 W/2				
			Sec. 29: NE/4				

Lease Segregated Effective

EXHIBIT "A"
PART I

Lease Seria	1		Description			Lease	Associated
<u>Hunber</u>	Lessor	Longes	of Lands	Book	Page	Date	Properties
U-0136529 (4000-1)	U.S.A.	Clair D. Jones	T16S, R2SE, SLM Sec. 21: W/2 NE/4, E/2 NM/4, W/2 SE/4, SE/4 SE/4, NE/4 SM/4, Sec. 27: W/2 NM/4, SE/4 NM/4, NM/4 SE/4 Sec. 28: NE/4 NE/4			2-1-51 *1-22-64	San Arroyo Unit Area
U-05650-A (177-1)	U.S.A.	Virginia E. Lewis	T16S, R26E, SLM Sec. 21: Lot 1			12-1-51 *10-1-61	San Arroyo Unit Area
v-9831 (9 4 9)	U.S.A.	Williams H. Short, Jr. and Franklin Knobel	T16S, R25E, SLM INSOFAR AND ONLY INSOFAR as said lease covers: Sec. 6: All			10-10-69	ARCO Fed B-
U-1 4234	U.S.A.	Arthur E. Meinhart	T15S, R24E, SLM Sec. 30: All Sec. 31: All Uintah Co., UT			4-1-71	Black Horse Canyon Federal 31

Lease Segregated Effective

EXHIBIT A Attached to Assignment, Bill of Sale and Conveyance

Part II

[OMITTED]

EXHIBIT A ATTACHED TO ASSIGNMENT, BILL OF SALE AND CONVEYANCE PART III CONTRACTS AND AGREEMENTS

PROPERTY REFERENCE		
San Arroyo Unit Area	1.	Unit Agreement for the Development and Operation of the San Arroyo Unit Area, dated June 11, 1956.
San Arroyo Unit Area	2.	Unit Operating Agreement for the San Arroyo Unit Area, dated August 16, 1961.
Valentine Fed #2	3.	Communitization Agreement covering the W1 of Section 34, T16S-R25E.
ARCO Fed. D-1	4.	Communitization Agreement covering the E1 of Section 34, T16S-R25E.
Fed. 174-1	5.	Communitization Agreement, dated March 3, 1965 covering the Wag Section 11, T16S-R25E.
Tenneco Fed. 14-2	6.	Communitization Agreement dated January 1, 1980, covering the N ¹ ₂ of Section 14, T16S-R25E.
Tenneco Fed. 14-2	7.	Operating Agreement dated June 5, 1980, designating Tenneco Oil Company as Operator and covering the N½ of Section 14, T16S-R25E.
ARCO Fed. H-1 Fed. D-1	8.	Farmout Agreement and Operating Agreement dated August 16, 1982, between ARCO Oil & Gas Company and TXO Production Corp., covering the S1 Section 12, T16S-R25E.
San Arroyo Unit Area	9.	Farmout Agreement dated June 6, 1955 by and between H. W. Dougherty and Sinclair Oil and Gas Company, covering lands in sections 21, 22, 23, 24, 25, 26 and 27, T16S-R25E.
ARCO Fed. B-1, Fed. C-1; Valentine Fed. #2	10.	Farmout Agreement and Operating Agreement between ARCO Oil and Gas Company and Texas Oil and Gas Corp., dated September 30, 1979, covering all of Sections 6 and 34 and the Nanka, NWANEA and Sana Sana Sana Sana Sana Sana Sana

EXHIBIT "A"

ATTACHED TO ANE MADE A PART OF THE ASSIGNMENT, BILL OF SALE AND CONVEYANCE PART IV

INTEREST IN PROPERTIES AND WELLS

PROPERTY NAME	COUNTY	STATE	OPERATOR	WORKING INTEREST DECIMAL	NET REVENUE INTEREST DECIMAL	OVERRIDING ROYALIY INTEREST DECIMAL
ARCO STATE #2-1 ARCO STATE #2-2 ARCO STATE #36-7 ARCO STATE #36-8 ARCO STATE #27-1 VALENTINE FED, #2 FEDERAL 174 #1 BITTERCREEK #1 ARCO FEDERAL #B-1 ARCO FEDERAL #C-1 ARCO FEDERAL #D-1 ARCO FEDERAL #H-1 TENNECO FED. #14-2 GILBERT FEDERAL #1	GRAND	UTAH UTAH UTAH UTAH UTAH UTAH UTAH UTAH	URI URI URI URI URI URI LONE MIN. URI LONE MIN.	1.000000000 1.000000000 1.000000000 1.00000000	0.875000000 0.875000000 0.875000000 0.875000000 0.875000000 0.038281200 0.8487500000 0.875000000 0.875000000 0.420000000 0.191406200 0.0000000000 0.4125000000 0.8450000000	0.125000000

SAN ARROYO UNIT AREA ENTRADA PARTICIPATING AREA

SAN ARROYO #1	GRAND	UTAH	URI URI	1.000000000 1.000000000	0.825000000 0.825000000
SAN ARROYO #2	CRAND CRAND	UTAH UTAH	URI	1.000000000	0.825000000
SAN ARROYO #3	GRAND GRAND	UTAH	URI	1.000000000	0.825000000
SAN ARROYO #5 SAN ARROYO #6	GRAND	UTAH	URI	1.000000000	0.825000000
SAN ARROYO #40U	GRAND	UTAH	URI	1.000000000	0.825000000
CAN ADDOWN #AOL	GRAND	UTAH	URI	1.000000000	0.825000000

San Arroyo Wells ARE SUBJECT TO A NET PROFITS INTEREST CREATED BY AND SUBJECT TO THAT CERTAIN FARMOUT AGREEMENT DATED JUNE 6, 1955.

Division of Oil, Gas and Mining PHONE CONVERSATION DOCUMENTATION FORM

[]	Well File (Location) SecTwpRng(API No.)	[] Suspense (Return Date) _ (To - Initials) _	Other Operator Chinge
1.	Date of Phone Call: 129-93	Time: _	3:00
2.	DOGM Employee (name) Talked to: Name <u>Kin Mc Kinney</u> of (Company/Organization)	(Initiated Call []) -	Phone No. (504) 893-839/
3.			, , , , , , , , , , , , , , , , , , ,
4.	Highlights of Conversation: Add't into required by Bomls: Energy has sold the wells to will follow. * North star bas lo. Inc. I follow the Mailing documentation to the mail	aul Beinard	

DEC 3 0 1993

Bureau of Land Management Branch of Fluid Minerals (UT-922) P.O. Box 45155 Salt Lake City, Utah 84145-0155

DIVISION OF OIL, GAS & MINING

December 29, 1993

Graham Energy, Ltd. P.O. Box 3134 Covington, Louisiana 70434-3134

> RE: San Arroyo Unit Grand County, Utah

Gentlemen:

On December 27, 1993, we received an indenture whereby Graham Royalty, Ltd. resigned as Unit Operator and Graham Energy, Ltd. was designated as Successor Unit Operator for the San Arroyo Unit, Grand County, Utah.

The instrument is hereby approved effective December 29, 1993. In approving this designation, the Authorized Officer neither warrants nor certifies that the designated party has obtained all required approval that would entitle it to conduct operations under the San Arroyo Unit Agreement.

Your nationwide (Wyoming) oil and gas bond No. 1845 will be used to cover all operations within the San Arroyo Unit.

It is requested that you notify all interested parties of the change in unit operator. Copies of the approved instruments are being distributed to the appropriate federal offices, with one copy returned herewith.

Sincerely,

/S/ Robert A. Henricks

Robert A. Henricks Chief, Branch of Fluid Minerals

Enclosure

bcc: District Manager - Moab (w/enclosure)
Division of Oil, Gas & Mining
Division of Lands and Mineral Operations U-942
File - San Arroyo Unit (w/enclosure)
MMS - Data Management Division
Agr. Sec. Chron
Fluid Chron

12/29/93

891003859B

891003859B

891003859B

√430193125000s1 40

~430191588800s1 5

√430191588900s1 6

WELL STATUS REPORTS **UTAH STATE OFFICE**

API NO. INSPECTION ITEM WELL QTQT SEC TWN RNG WELL LEASE NAME **OPERATOR** NUMBER **STATUS** ** INSPECTION ITEM 891003859A SAN ARROYO DK MO 430191589200s1 11 891003859A **NESW 15 16S** 25E **PGW** UTU05059C GRAHAM ROYALTY LIMITED 891003859A /430191589300s1 12 SWSW 23 16S 25E **PGW** UTSL071307 GRAHAM ROYALTY LIMITED 891003859A v430191589400s1 13 NESW 22 16S 25E GSI UTU0370A GRAHAM ROYALTY LIMITED 430191589500X1 14 891003859A 16 163 25E GRAHAM ROYALTY LIMITED SWNE ABD STATE 891003859A 430191109100s1 15 NESW 21 16S 25E UTU0136529 TA GRAHAM ROYALTY LIMITED 891003859A ~430191589600\$1 16 SESW 26 16S 25E PGW **UTU0369** GRAHAM ROYALTY LIMITED 891003859A 430191589700s1 17 NENE 24 16S 25E PGW UTU025243 GRAHAM ROYALTY LIMITED 891003859A √430191589800s1 18 NUNU 30 16S 26E GSI UTU06023 GRAHAM ROYALTY LIMITED 891003859A √430191589900s1 19 SUSE 14 16S 25E PGU UTU05011B GRAHAM ROYALTY LIMITED 891003859A √430191590000S1 20 SENE 26 16S 25E **PGW** UTSL071307 GRAHAM ROYALTY LIMITED 891003859A √430191590100s1 21 25 16S 25E GRAHAM ROYALTY LIMITED NUSF PGW UTU0369 891003859A ~430191590200\$1 22 25E NENE 15 16s PCU UTU05011A GRAHAM ROYALTY LIMITED 430191590300s1 24 891003859A SENU 19 16S 26E **PGW** UTU06188 GRAHAM ROYALTY LIMITED 891003859A 430191590400s1 25 SWNE 21 16S 25E **PGW** UTU0136529 GRAHAM ROYALTY LIMITED 891003859A ~430191590500s1 26 SWSW 20 16S 26E **PGW** UTU025297 GRAHAM ROYALTY LIMITED 891003859A 430191590600s1 27 NESW 29 16S 26E **PGW** UTU06021 GRAHAM ROYALTY LIMITED 891003859A √430191590700s1 28 NUNE 29 16S 26E PGW UTU05650 GRAHAM ROYALTY LIMITED 891003859A 430191590800s1 29 NENE 22 16S 25F PGW UTU0370A GRAHAM ROYALTY LIMITED 891003859A v 430191590900s1 30 NUSU 21 16S GRAHAM ROYALTY LIMITED 26E PGW UTU05650 √430193052700s1 31 891003859A NUNU 22 16S 25E PGU GRAHAM ROYALTY LIMITED UTU0370A 891003859A ~430193052800\$1 32 SUSU 25F GRAHAM ROYALTY LIMITED 14 16S PGM UTU05011B ~430193060800s1 33 SUSU 891003859A 25 16S 25F GRAHAM ROYALTY LIMITED PGU **UTU0369** √430191109000s1 35 891003859A SESW 24 16S 25E PGW **UTU0369** GRAHAM ROYALTY LIMITED 430193125100s1 36-A 891003859A SESE 19 16S 26E **PGW** UTU06188 GRAHAM ROYALTY LIMITED 891003859A 430193125200s1 37 20 16S SWNE 26E **PGW** UTU05650 GRAHAM ROYALTY LIMITED 891003859A √430193125300s1 38 NESU 16 16S 25E PGU STATE GRAHAM ROYALTY LIMITED 891003859A √430191588700s1 4 SESW 30 16S 26E **PGW** UTU06023 GRAHAM ROYALTY LIMITED 891003859A ~430193128900s1 41 MENE 36 169 25F PCU STATE GRAHAM ROYALTY LIMITED 891003859A ~430193129000s1 42 NESE 30 16S 26E PGU UTU06023 GRAHAM ROYALTY LIMITED 891003859A ~430193129100s1 43 29 16S NESE 26E PGU UTU06021 GRAHAM ROYALTY LIMITED 891003859A 430193130100s1 44 SENE 30 16S **PGW** UTU06023 GRAHAM ROYALTY LIMITED 26E 891003859A 430193129900S1 45 UTU05650 NUSE 20 168 26F PGU GRAHAM ROYALTY LIMITED 891003859A 430193131800s1 47 31 16S GRAHAM ROYALTY LIMITED NENE 26F PGM U06023 891003859A √430193131600s1 49 NENU 29 16S GRAHAM ROYALTY LIMITED 26E PGW UTU025245 891003859A 430191589000s1 8 SWSW 16 16S 25E PGW STATE GRAHAM ROYALTY LIMITED 891003859A 430191589100s1 9 NWNE 27 16S 25E **PGW** UTU0370A GRAHAM ROYALTY LIMITED ** INSPECTION ITEM 891003859B SAN ARROYO EN 891003859B √430191653200s1 1 SENW 26 16S 25E **PGW** UTSL071307 GRAHAM ROYALTY LIMITED 891003859B √430191588500s1 2 22 16S 25E GRAHAM ROYALTY LIMITED SENW PGW UTU0370A 891003859B GRAHAM ROYALTY LIMITED ~430191588600s1 3 SENW 23 16S 25E GSI UTU0369

NWNE

NWSE

SWNE

27 16S

25 16S

21 16S

25E

25E

25E

PGU

PGW

PGW

UTU0370A

UTU0369

UTU0136529

GRAHAM ROYALTY LIMITED

GRAHAM ROYALTY LIMITED

GRAHAM ROYALTY LIMITED

STATE OF UTAH

DIVISION OF OIL, GAS AND MINING 355 West North Temple, 3 Triad, Suite 350, Salt Lake City, UT 84180-1203

Page	2	of	4	
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MONTHLY OIL AND GAS PRODUCTION REPORT

OPERATOR NAME AND ADDRESS:			UTAH			
C/O NORTHSTAR GAS CO IN GRAHAM ENERGY LTD 15000 NW FREEWAY STE 20 HOUSTON TX 77040			REPORT PERIOD (MONTH/YEAR): 12 / 93 AMENDED REPORT (Highlight Changes)			·
Well Name	Producing	Well	Days		Production Volumes	
API Number Entity Location	Zone	Status	Oper	OIL(BBL)	GAS(MCF)	WATER(BBL)
SAN ARROYO 22 -4301915902 00500 16S 25E 15	DKTA					
SAN ARROYO #24 #301915903 00500 165 26E 19	DK-CM					· · · · · · · · · · · · · · · · · · ·
SAN ARROYO 25 24301915904 00500 165 25E 21 SAN ARROYO #26	DKTA					
4301915905 00500 165 26E 20 SAN ARROYO 27	DK-MR					,
✓4301915906 00500 165 26E 29 SAN ARROYO 28	DKTA					
-4301915907 00500 16S 26E 29 1 ARROYO 29	DKTA					
-4301915908 00500 165 25E 22 SAN ARROYO #30 -4301915909 00500 165 26E 21	DKTA DKTA					
4301915909 00500 16S 26E 21 SAN ARROYO 31 4301930527 00500 16S 25E 22	DKTA	<u></u>				
SAN ARROYO 32 .4301930528 00500 165 25E 14	DKTA					
SAN ARROYO 33 4301930608 00500 165 25E 25	DKTA			,		<u> </u>
SAN ARROYO UNIT #36-A 4301931251 00500 165 26E 19 SAN ARROYO UNIT #37	DK-MR					
.4301931252 00500 16S 26E 20	DK-MR					
			TOTALS			
COMMENTS:						
I herway certify that this report is true and complete to	the best of m	y knowledg	e.	1	Date:	
Name and Signature:			· · · · · · · · · · · · · · · · · · ·		Telephone Number:	

Form 9

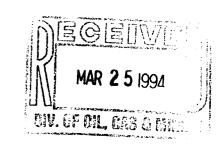
DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL GAS AND MINING

6. Lease	Designation	and	Serial	Number

DIVISION OF OIL, GAS AND MININ	
	7. Indian Allottee or Tribe Name
SUNDRY NOTICES AND REPORTS O	N WELLS
Do not use this form for proposals to drill new walls; deepen existing walls, or to res	30000000000000000000000000000000000000
Use APPLICATION FOR PERMIT— for such propos	891003859A
1. Type of Well	9. Well Name and Number
Oll Gas Other (specify)	SEE BELOW
2. Name of Operator	10. API Well Number
NORTHSTAR GAS COMPANY INC.	SEE BELOW
3. Address of Operator 15000 NORTHWEST FWY, SUITE 20	
HOUSTON TX 77040	713-937-4314 SAN ARROYO UNIT
Footage :	County: GRAND
QQ, Sec, T., R., M. :	State : UTAH
	TURE OF NOTICE, REPORT, OR OTHER DATA
NOTICE OF INTENT (Submit in Duplicate)	SUBSEQUENT REPORT (Submit Original Form Only)
	M November 1
☐ Abandonment ☐ New Construction ☐ Casing Repair ☐ Pull or Alter Casing	Abandonment • New Construction Casing Repair Pull or Alter Casing
	Casing Repair Pull or After Casing Change of Plans Shoot or Acidize
Change of Plans Hecompletion Conversion to Injection Shoot or Acidize	Conversion to Injection Vent or Flare
Fracture Treat Vent or Flare	Fracture Treat Water Shut-Off
Multiple Completion Water Shut-Off	M Other CHANGE OF OPERATOR
X Other	
Angerimete Date Work Will Stad	Date of Work Completion
Approximate Date Work Will Start	Report results of Multiple Completions and Recompletions to different reservoirs
	on WELL COMPLETION OR RECOMPLETION AND LOG form. Must be accompanied by a cement verification report.
13. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertin	
locations and measured and true vertical depths for all markers and zones pertin	ent to this work.)
	AT COMPAGE PROM CRAMAN POWALOW IMP
	AS OPERATOR FROM GRAHAM ROYALTY LTD.
ON 09-01-93 WITH THE EFFECTIVE DATE	OF SHIE OF OLTESS.
Well Name API # Location	· •
	The state of the s
San Arroyo 19 4301915899 16S 25E	
San Arroyo 20 4301915900 16S 25E	
San Arroyo 21 4301915901 16S 25E	23
San Arroyo 22 4301915902 16S 25E	
San Arroyo 24 4301915903 16S 26E San Arroyo 25 4301915904 16S 25E	
San Arroyo 25 4301915904 16S 25E San Arroyo 26 4301915905 16S 26E	The second secon
San Arroyo 27 4301915906 16S 26E	
San Arroyo 28 4301915907 16S 26E	
San Arroyo 29 4301915908 16S 25E	
San Arroyo 30 4301915909 16S 26E	21
14. I heroby certify that the foregoing is true and correct	
1 1	
Name & Signature PAUL BERNARD / Manager Signature	Title SEC/TREAS Date /2-20-9
(State Use Only)	



Bureau of Land Management Branch of Fluid Minerals P.O. Box 45155 Salt Lake City, Utah 84145-0155



March 23, 1994

Northstar Gas Company, Inc. 820 Gessner, Suite 1630 Houston, Texas 77024

> Re: San Arroyo Unit Grand County, Utah

Gentlemen:

On March 17, 1994, we received an indenture dated November 29, 1993, whereby Graham Energy, Ltd. resigned as Unit Operator and Northstar Gas Company, Inc. was designated as Successor Unit Operator for the San Arroyo Unit, Grand County, Utah.

The instrument is hereby approved effective March 23, 1994. In approving this designation, the Authorized Officer neither warrants nor certifies that the designated party has obtained all required approval that would entitle it to conduct operations under the Unit Agreement.

Your statewide (Utah) oil and gas bond No. UT0845 will be used to cover all operations within the San Arroyo Unit.

It is requested that you notify all interested parties of the change in unit operator. Copies of the approved instruments are being distributed to the appropriate federal offices, with one copy returned herewith.

Sincerely,

Robert A. Henricks Chief, Branch of Fluid Minerals

Enclosure

bcc: District Manager - Moab (w/enclosure)
Division of Oil, Gas & Mining
Division of Lands and Mineral Operations U-942
File - San Arroyo Unit (w/enclosure)
MMS - Data Management Division
Agr. Sec. Chron
Fluid Chron

U-922:TAThompson:tt:03-23-94

Page No. 03/23/94

WELL STATUS REPORTS UTAH STATE OFFICE



INSPECTION ITEM	API NO.	WELL Number	QTQT	SEC	TWN	RNG	WELL STATUS	LEASE NAME		OPERAT	OR
** INSPECTION ITEM 8910038	359A	SAN ARROY	D DK I	40							
891003859A	430191589200s1	11	NESW	15	16S	25E	PGW	UTU05059C	GRAHAM EN	IERGY L	IMITED
891003859A	430191589300s1	12	SWSW	23	168	25E	PGW	UTSL071307	GRAHAM EN	IERGY L	IMITED
891003859A	430191589400s1	13	NESW	22	168	25E	GSI	UTU0370A	GRAHAM EN	IERGY L	IMITED
891003859A	430191589500x1		SWNE	16	168	25E	P+A-	STATE	GRAHAM EN	IERGY L	IMITED
891003859A	430191109100s1	15 (34-A)	NESW	21	168	25E	TA	UTU0136529	GRAHAM EN	IERGY L	IMITED
891003859A	430191589600s1	16	SESW	26	165	25E	PGW	UTU0369	GRAHAM EN		
891003859A	430191589700s1	17	NENE	24	16S	25E	PGW	UTU025243	GRAHAM EN		
891003859A	430191589800S1	18	NUNU	30	168	26E	GSI	UTU06023	GRAHAM EN	IERGY L	IMITED
891003859A	430191589900S1	19	SWSE	14	168	25E	PGW	UTU05011B	GRAHAM EN	IERGY L	IMITED
891003859A	430191590000s1	20 .	SENE	26	168	25E	PGW	UTSL071307	GRAHAM EN		
891003859A	430191590100s1	21	NWSE	25	168	25E	PGW	UTU0369	GRAHAM EN		
891003859A	430191590200s1	22	NENE		165	25E	PGW	UTU05011A	GRAHAM EN	IERGY L	IMITED
891003859A	430191590300s1	24	SENW		16S	26E	PGW	UTU06188	GRAHAM EN		
891003859A	430191590400s1	25	SWNE	21	168	25E	PGW	UTU0136529	GRAHAM EN		
891003859A	430191590500s1		SWSW		165	26E	PGW	UTU025297	GRAHAM EN		
891003859A	430191590600s1	27	NESW		16S	26E	PGW	UTU06021	GRAHAM EN		
891003859A	430191590700s1		NWNE		16S	26E	PGW	UTU05650	GRAHAM EN		
891003859A	430191590800S1	29	NENE		16S	25E	PGW	UTU0370A	GRAHAM EN		
891003859A	430191590900S1		NUSU		16S	26E	PGW	UTU05650	GRAHAM EN		
891003859A	430193052700s1		NUNU		16S	25E	PGW	UTU0370A	GRAHAM EN		
891003859A	430193052800s1		SMSM		16S	25E	PGW	UTU050118	GRAHAM EN		
891003859A	430193060800S1		SWSW		16S	25E	PGW	UTU0369	GRAHAM EN		
891003859A	430191109000S1		SESW		16S	25E	PGW	UTU0369	GRAHAM EN		
891003859A	430193125100S1		SESE		16S	26E	PGW	UTU06188	GRAHAM EN		*
891003859A	430193125200s1		SWNE		16S	26E	PGW	UTU05650	GRAHAM EN		
891003859A	430193125300S1		NESW		16S	25E	PGW	STATE	GRAHAM EN		
891003859A	430191588700S1		SESW		16S	26E	PGW	UTU06023	GRAHAM EN		
891003859A	430193128900S1		NENE		16S	25E	PGW	STATE	GRAHAM EN		
891003859A	430193129000s1		NESE		168	26E	PGW	UTU06023	GRAHAM EN		
891003859A	430193129100s1		NESE		168	26E	PGW	UTU06021	GRAHAM EN		
891003859A	430193130100s1		SENE		16S	26E	PGW	UTU06023	GRAHAM EN		
891003859A	430193129900S1		NWSE		16S	26E	PGW	UTU05650	GRAHAM EN		
891003859A	430193131800s1		NENE	_	16S	26E	PGW	U06023	GRAHAM EN		-
891003859A	430193131600s1		NENW		16S	26E	PGW	UTU025245	GRAHAM EN		
891003859A	430191589000s1		SWSW		16S	25E	PGW	STATE	GRAHAM EN		
891003859A	430191589100\$1	9	NWNE	27	168	25E	PGW	UTU0370A	GRAHAM EN	NERGT L	IMITEU
** INSPECTION ITEM 8910038	359B	SAN ARROY									
891003859B	43019165320081		SENW		168	25E	PGW	UTSL071307	GRAHAM E		
891003859B	43019158850081		SENW		16S	25E	PGW	UTU0370A	GRAHAM EI		
891003859B	430191588600s1		SENW		165	25E	GSI	UTU0369	GRAHAM EI		
891003859B	430193125000\$1	_	NWNE		16S	25E	PGW	UTU0370A	GRAHAM EI		
8910038598	430191588800\$1		NWSE			25E	PGW	UTU0369	GRAHAM EI		
891003859B	430191588900s1	6	SWNE	21	168	25E	PGW	UTU0136529	GRAHAM EI	NERGY L	TMT LFD

Division of Oil, Gas a OPERATOR CHANGE H			Routing:
Attach all documentati Initial each listed it	ion received by the division re tem when completed. Write N/A	if item is not applicable.	2=DT3 8-FILE 3-VLC 4-R/B 5-1 50
XX Change of Opera ☐ Designation of		☐ Designation of Agent ☐ Operator Name Change Only	, Dr
The operator of t	he well(s) listed below h	nas changed (EFFECTIVE DATE:	9-1-93
TO (new operator) (address)	NORTHSTAR GAS COMPANY IN	IC FROM (former operator)	
Hell(s) (attach addi	itional page if needed):	**SAN ARROYO UNIT	
Name:Name:	API:	03 Entity: SecTw Entity: SecTw Entity: SecTw Entity: SecTw Entity: SecTw Entity: SecTw Entity: SecTw	coRng Lease Type: coRng Lease Type: coRng Lease Type: coRng Lease Type:
operator (Le 2. (Rule R615 (Attach to	S-8-10) Sundry or other Attach to this form). (by: 5-8-10) Sundry or other less that form). (but 1-14-94)	n contacted if the new opera	received from <u>new</u> operator
operating	any wells in Utah. Is company file number: $\frac{1}{2}$	company registered with the	state? (yed/no) If
(attach To comments s changes sh	elephone Documentation F section of this form. M would take place prior to	LY) The BLM has been contact Form to this report). Mak Management review of Federa completion of steps 5 throu	te note of BLM status in land Indian well operator gh 9 below.
5. Changes ha	ave been entered in the O ove. <i>[3-31-94]</i>	il and Gas Information Syste	em (Wang/IBM) for each well
Lec 6. Cardex fil	e has been updated for ea	ach well listed above. <i>[3-3 -94</i>	
. //		for each well listed above?	
, for distri	bution to State Lands and	monthly "Operator, Address, d the Tax Commission. (3-31-94)	,
Jec 9. A folder h	nas been set up for the (ere for reference during	Operator Change file, and a routing and processing of th	copy of this page has been e original documents.

'ERATOR	CHANGE WORKSHEET (CONTINUED) Initial each item when completed. Write N/A if item is not applicable.
- 1	REVIEH
<u>sec</u> 1.	(Rule R615-8-7) Entity assignments have been reviewed for all wells listed above. Were entity changes made? (yes/ no) (If entity assignments were changed, attach <u>copies</u> of Form 6, Entity Action Form).
<u>N/A</u> 2.	State Lands and the Tax Commission have been notified through normal procedures of entity changes.
BOND VI	ERIFICATION (Fee wells only)
N/A 1.	(Rule R615-3-1) The new operator of any fee lease well listed above has furnished a proper bond.
2.	A copy of this form has been placed in the new and former operators' bond files.
3.	The former operator has requested a release of liability from their bond (yes/no) Today's date 19 If yes, division response was made by letter dated 19
LEASE	INTEREST OHNER NOTIFICATION RESPONSIBILITY
	(Rule R615-2-10) The former operator/lessee of any fee lease well listed above has been notified by letter dated 19, of their responsibility to notify any person with an interest in such lease of the change of operator. Documentation of such notification has been requested.
	Copies of documents have been sent to State Lands for changes involving State leases.
FILMIN	G
_1.	All attachments to this form have been microfilmed. Date: 4-19 1994.
FILING	
Lec 1.	Copies of all attachments to this form have been filed in each well file.
	The <u>original</u> of this form and the <u>original</u> attachments have been filed in the Operator Change file.
COMMEN 94032	1TS 28 B/m/S.Y. Aprv. eff. 3-23-94.

WE71/34-35

STATE OF UTAH

DIVISION OF OIL, GAS AND MINING

1594 West North Temple, Suite 1210, PO Box 145801, Salt Lake City, UT 84114-5801

Page 2 of 5

Telephone Number: ___

MONTHLY OIL AND GAS PRODUCTION REPORT

OPERATOR NAME AND ADDRESS:			UTAŀ	I ACCOUNT NUMBER:	N6680	
KATHY TUSON NORTHSTAR GAS COMPANY I 820 GESSNER #1630	NC		REPO	rt period (month/	YEAR): 4 / 96	·
HOUSTON TX 77024			AME	NDED REPORT (Hi	ghlight Changes)	
Well Name	Producing	Well	Days		Production Volumes	·····
API Number Entity Location	Zone	Status	Oper	OIL(BBL)	GAS(MCF)	WATER(BBL)
SAN ARROYO 22				11 55 11 1		
4301915902 00500 16S 25E 15	DKTA			U-05011-A		
SAN ARROYO 24 ,				11-06-188		-
4301915903 00500 16S 26E 19	DK-CM					
✓SAN ARROYO 25 4301915904 00500 16S 25E 21	DKTA			4-025244		
VSAN ARROYO 26	DKIA					****
4301915905 00500 16S 26E 20	DK-MR			H-625291		
SAN ARROYO 27	-			4 1 01		
4301915906 00500 16S 26E 29	DKTA			4-06021		
SAN ARROYO 28				U-05/050		
4301915907 00500 16S 26E 29	DKTA			11-6-20-20		·
ARROYO 29 4301915908 00500 16S 25E 22	DKTA			U-0370-A		
SAN ARROYO 30	DRIA					
4301915909 00500 16S 26E 21	DKTA			11-05650		
VSAN ARROYO 31						
4301930527 00500 16S 25E 22	DKTA -			U-0370A		
VSAN ARROYO 32				U-05011B		
4301930528 00500 16S 25E 14	DKTA			4-0 20110		
SAN ARROYO 33	BUTA			U-0369		
4301930608 00500 16S 25E 25 VSAN ARROYO UNIT #36-A	DKTA					
4301931251 00500 16S 26E 19	DK-MR			U-060188		
SAN ARROYO UNIT #37	DIC 7IIC		+ -	. ,		
4301931252 00500 16S 26E 20	DK-MR			11-5650		
			1			
			TOTALS			
COMMENTS:						
	 					
<u> </u>			· · · · · · · ·			

Name and Signature:



600 Central Park Two / 515 Central Park Drive / Oklahoma City, OK 73105 Post Office Box 24300 / Oklahoma City, Oklahoma 73124-0300 405 525-7788 / FAX 405 557-5258

May 21,1996

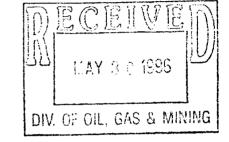
Ms. Lisha Cordova State of Utah Department of Oil, Gas & Mining Salt Lake City, Utah 84111-2303

Re:

Acquisition of Producing Properties

and Operatorship from Northstar Resources

Grand and Uintah Counties, Utah



Dear Ms. Cordova:

Enogex Exploration Corporation acquired the working interest and operatorship of certain properties in Grand and Uintah Counties, Utah from Northstar Resources, Inc. effective 5/1/96. In this regard we enclose the following for the records:

- 1. Original Sundry Notices filed in triplicate for each of the wells on the three leases where the State of Utah owns the mineral rights.
- 2. Three copes each of the Sundry Notices for the 1 Gilbert and the 27-1 which has been approved by the BLM.
- 3. A copy of the Resignation of Unit Operator and Designation of Successor Unit Operator for the San Arroyo Unit along with approval of same by the BLM.
- 4. A copy of the Successor Operator of Communitization Agreement NW-115 along with approval of same by the BLM.
- 5. A list of the wells and locations which Enogex Exploration Corporation acquired from Northstar Resources and will be operating.

Please be advised we provided our State of Utah Blanket Bond in the amount of \$80,000 with our letter dated April 16, 1996, to the School & Institutional Trust Lands Administration

If any thing further is needed, please contact the undersigned at 405 557-5281.

Sincerely,

Claudine Gilliam Senior Landman

STATE OF UTAH

ORM 9	IVISION OF OIL, GAS AND MININ	G	
	MISION OF OIL GAS AND ILLINI		5. Lease Designation and Serial Number:
			ML-4113
	TOTAL AND DEPORTS (NI WELLS	6. if Indian, Allottee or Tribe Name:
SUNDRY I	NOTICES AND REPORTS (IN WELLS	
		niversal and shandoned wells.	7, Unit Agreement Name:
Do not use this form for propose Use APPUC	us to drill new wells, deepen existing wells, or to reented ATION FOR PERMIT TO DRILL OR DEEPEN form for suc	th proposals.	
	OTHER.		8. Well Name and Number:
Type of Well: OIL GAS X	OTHER:		San Arroyo Unit
. Name of Operator:			9, API Well Number:
ENOGEX EXPLORATION	CORPORATION		10. Field and Pool, or Wildcat:
Address and Telephone Number:	lahoma City, OK 73124-03	00 405 557-5281	10. Field and 1 cost, or symbols
Location of Well			county: Grand
Footages:			
QQ, Sec.,T.,R.,M.:			State: Utah
CHECK APPRO	PRIATE BOXES TO INDICATE N	ATURE OF NOTICE, REPO	ORT, OR OTHER DATA
	E OF INTENT It in Duplicate)	:	QUENT REPORT Original Form Only)
7 Abandan	☐ New Construction	Abandon *	□ New Construction
Abandon	Pull or Alter Casing	☐ Repair Casing	☐ Pull or Alter Casing
Repair Casing	☐ Recomplete	☐ Change of Plans	☐ Reperforate
Change of Plans		Convert to Injection	☐ Vent or Flare
Convert to Injection	☐ Reperforate		Water Shut-Off
Fracture Treat or Acidize	☐ Vent or Flare	☐ Fracture Treat of Acidize Change of Op Other	perator
☐ Multiple Completion	☐ Water Shut-Off	X Outer	
Other		Date of work completion	
A CONTRACTOR OF THE CONTRACTOR		· —	and Recompletions to different reservoirs on WELL
Approximate date work will start		COMPLETION OR RECOMPLETION RE	PORT AND LOG form.
		* Must be accompanied by a cement ver	ification report.
DESCRIBE PROPOSED OR COMPLETED vertical depths for all markers and zones	OPERATIONS (Clearly state all pertinent details, and gipertinent to this work.)	ive pertinent dates. If well is directionally dril	led, give subsurface locations and measured and true
	•		CEIVE DAY 3 0 1996
13.	J. J. Diana	DIV. OF	OIL, GAS & MINING andman 5/20/96
Name & Signature: C1811C1TIE	illiam >		
This space for State use only)			



United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Utah State Office 324 South State, Suite 301 Salt Lake City, Utah 84111-2303

May 13, 1996

Enogex Exploration Corporation P.O. Box 24300 Oklahoma City, Oklahoma 73124-0300

Re:

San Arroyo Unit

Grand County, Utah

Gentlemen:

On April 29, 1996, we received an indenture dated April 19, 1996, whereby Northstar Gas Company, Inc. resigned as Unit Operator and Enogex Exploration Corporation was designated as Successor Unit Operator for the San Arroyo Unit, Grand County, Utah.

This indenture was executed by all required parties and the signatory parties have complied with Sections 5 and 6 of the unit agreement. In approving this designation, the Authorized Officer neither warrants nor certifies that the designated party has obtained all required approval that would entitle it to conduct operations under the San Arroyo Unit Agreement. The instrument is hereby approved effective May 13, 1996.

Your statewide (Utah) oil and gas bond No. 1044 will be used to cover all operations within the San Arroyo Unit.

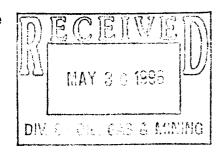
It is requested that you notify all interested parties of the change in unit operator. Copies of the approved instruments are being distributed to the appropriate federal offices, with one copy returned herewith.

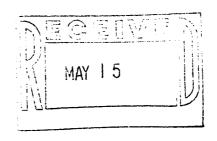
Sincerely,

Robert A. Henricks

Chief, Branch of Fluid Minerals

Enclosure





RESIGNATION OF UNIT OPERATOR

SAN ARROYO UNIT AREA

COUNTY OF GRAND

STATE OF UTAH

UNIT AGREEMENT NO. 14-08-001-3859

Under and pursuant to the provisions of Section 5 of the Unit Agreement for the Development and Operation of the San Arroyo Unit Area, Grand County, Utah, Northstar Gas Company, Inc., the designated Unit Operator under said Unit Agreement, does hereby resign as Unit Operator, effective upon the selection and approval of a successor Unit Operator.

EXECUTED with effect as aforesaid the 33 day of 1996.

ATTEST:

NORTHSTAR GAS COMPANY, INC.

Title Corporate Sacretary

By: K. I M. Mck

RESIGNATION OF UNIT OPERATOR

SAN ARROYO UNIT AREA

COUNTY OF GRAND

STATE OF UTAH

UNIT AGREEMENT NO. 14-08-001-385

THIS INDENTURE, dated as of the //k day of Lipux, 1996, by and between ENOGEX EXPLORATION CORPORATION, hereinafter designated as "First Party", and the owners of the unitized working interests, hereinafter designated as "Second Parties",

Return to: Enogex Exploration Corporation Post Office Box 2430 Oklahoma City, OK 7: 124-0300

WITNESSETH:

WHEREAS, under the provisions of the Act of February 15, 1920, 4 Stat. 437, 30 U.S.C. Sec. 181, et seq., as amended by the Act of August 8, 1946, 60 Stat. 950, the Secretary of the Interior, on the 2nd day of August, 1957, approved a Unit Agreement for the San Arroyo Unit Area, wherein Sinclair Oil Company was designated as Unit Operator, and

WHEREAS, Northstar Gas Company, Inc. by subsequent designation is currently Unit Operator, but has resigned hereby as such Operator and the designation of a successor Unit Operator is now required pursuant to the terms thereof, and

WHEREAS, the First Party has been and hereby is designated by Second Parties as Unit Operator, and said First Party desires to assume all the rights, duties and obligations of Unit Operator under the same Unit Agreement.

NOW, THEREFORE, in consideration of the premises hereinbefore set forth and the premises hereinafter stated, the First Party hereby covenants and agrees to fulfill the duties and assume the obligations of Unit Operator under and pursuant to all the terms of the San Arroyo Unit agreements, and the Second Parties covenant and agree that, effective upon approval of this indenture by the chief, Branch of Fluid Minerals, Bureau of Land Management, First Party shall be granted the exclusive privileges as Unit Operator, pursuant to the terms and conditions of said Unit Agreement; said Unit Agreement being hereby incorporated herein by reference and made a part hereof as fully and effectively as though said Unit Agreement were expressly set forth in this instrument.

IN WITNESS WHEREOF, the parties hereto have executed this instrument as of the date hereinabove set forth.

ATTEST:

FIRST PARTY

ENOGEX EXPLORATION CORPORATION

BY: John V. Morozuk
TITLE: SCTRETARY

BY. Awarda fr.
TITLE: J.O.EDWARDS, JR., PRESIDENTS

DATE: 4/19/96

ATTEST:	SECOND PARTY
	NORTHSTAR GAS COMPANY, INC.
BY: K M M M M TITLE: COMPORATE SECRETARY	BY: Ke It M. Mck TITLE: E. Vice President DATE: 4/23/96
	BOOK CLIFFS OIL & GAS COMPANY
BY:TITLE:	BY:TITLE:
	NATIONAL FUEL CORPORATION
BY:TITLE:	BY:TITLE: DATE:
STATE OF TEXAS) COUNTY OF HARRIS)	

This instrument was acknowledged before me on the <u>APRIL</u>, 1996, by Kenneth M. McKinney, as Executive Vice President of NORTHSTAR GAS COMPANY, INC., a Texas Corporation, on behalf of said corporation.

Notary Public in and for the State of <u>TEXAS</u>
My commission expires <u>11/8/99</u>



STATE OF OKLAHOMA)
COUNTY OF OKLAHOMA)
This instrument was acknowledged before me on the 19th day of the 1996, by J.O. EDWARDS, as President of ENOGEX EXPLORATION CORPORATION, an Oklahoma corporation, on behalf of said corporation. Notary Public in and for the State of Oklahoma My Commission expires 4/22/99
STATE OF) SS COUNTY OF)
The foregoing instrument was acknowledged before me thisday of, 1996, by, as, as, as Assistant Secretary of BOOK CLIFFS OIL & GAS COMPANY, a corporation.
WITNESS my hand and official seal.
Notary Public My Commission Expires:
Place of Residence:

•

	egoing instrument was acknowledged befo	
	of, 1996, by , and by	
Assistant Se	ecretary of NATIONAL FUEL CORPORATIO	
	m. hand and official coal	
WITNESS 1	my hand and official seal.	
	Notary Public	
WITNESS of My Commission	Notary Public	



DIV. OF OIL, GAS & MINING

United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Utah State Office P.O. Box 45155 Salt Lake City, Utah 84145-0155

IN REPLY REFER TO: UT-922

May 13, 1996

Enogex Exploration Corporation P.O. Box 24300 Oklahoma City, Oklahoma 73124-0300

Re:

San Arroyo Unit Grand County, Utah

Gentlemen:

On April 29, 1996, we received an indenture dated April 19, 1996, whereby Northstar Gas Company, Inc. resigned as Unit Operator and Enogex Exploration Corporation was designated as Successor Unit Operator for the San Arroyo Unit, Grand County, Utah.

This indenture was executed by all required parties and the signatory parties have complied with Sections 5 and 6 of the unit agreement. In approving this designation, the Authorized Officer neither warrants nor certifies that the designated party has obtained all required approval that would entitle it to conduct operations under the San Arroyo Unit Agreement. The instrument is hereby approved effective May 13, 1996.

Your statewide (Utah) oil and gas bond No. 1044 will be used to cover all operations within the San Arroyo Unit.

It is requested that you notify all interested parties of the change in unit operator. Copies of the approved instruments are being distributed to the appropriate federal offices, with one copy returned herewith.

Sincerely,

/s/ Robert A. Henricks

Robert A. Henricks Chief, Branch of Fluid Minerals

Enclosure

bcc: District Manager - Moab (w/enclosure)

Division of Oil, Gas & Mining

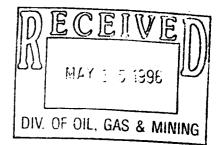
Division of Lands and Mineral Operations U-942

File - San Arroyo Unit (w/enclosure) MMS - Data Management Division

Agr. Sec. Chron Fluid Chron

Page No. 05/13/96

WELL STATUS REPORTS
UTAH STATE OFFICE



INSPECTION ITEM

API NO.

WELL NUMBER QTQT SEC TWN RNG WELL STATUS

LEASE NAME

OPERATOR

** INSPECTION IT	EM 891003859A	SAN	ARROYO DK M	0								
891003859A	430191589200s1	11	NESW	15	16S	25E	PGW	UTU05059C	NORTHSTA	D CA	covo.	
891003859A	430191589300s1	12	susu	23	165	25E	PGW	UTSL071307	NORTHSTA			
891003859A	430191589400s1	13	NESU	22	16S	25E	GSI	UTU0370A	NORTHSTA			
-891003859A	430191589500x1	14	SWNE	16	16S	25E	P+A	STATE	NORTHSTA			
891003859A	430191109100s1	15	NESW	21	16S	25E	TA	UTU0136529	NORTHSTA			
891003859A	430191589600s1	16	SESW	26	16S	25E	PGW	UTU0369	NORTHSTA			
891003859A	430191589700\$1	17	NENE	24	168	25E	PGW	UTU025243	NORTHSTA			
891003859A	430191589800s1	18	NUNU	30	168	26E	PGW	UTU06023	NORTHSTA			
891003859A	430191589900s1	19	SWSE	14	168	25E	PGW	UTU05011B	NORTHSTA			
891003859A	430191590000s1	20	SENE	26	168	25E	PGW	UT\$L071307	NORTHSTA			
891003859A	430191590100s1	21	NWSE	25	16\$	25E	PGW	UTU0369	NORTHSTA			
891003859A	430191590200s1	22	NENE	15	16S	25£	PGW	UTU05011A	NORTHSTA			
891003859A	430191590300s1	24	SENW	19	16S	26E	PGW	UTU06188	NORTHSTA			
891003859A	430191590400\$1	25	SWNE	21	16S	25E	PGW	UTU0136529	NORTHSTA			
891003859A	430191590500s1	26	SWSW	20	16S	26E	PGW	UTU025297	NORTHSTA			
891003859A	430191590600\$1	27	NESW	29	168	26E	PGW	UTU06021	NORTHSTAI			
891003859A	430191590700s1	28	NWNE	29	168	26E	PGW	UTU05650	NORTHSTAI			
891003859A	430191590800s1	29	NENE	22	16S	25E	PGW	UTU0370A	NORTHSTAL			
891003859A	430191590900s1	30	NVSW :	21	16S	26E	PGW	UTU05650	NORTHSTA			-
891003859A	430193052700s1	31	NUNU :	22	16S	25E	PGW	UTU0370A	NORTHSTAI			
891003859A	430193052800s1	32	SWSW	14	16S	25E	PGW	UTU05011B	NORTHSTAL			
891003859A	430193060800\$1	33	SUSU	25	16S	25E	PGW	UTU0369	NORTHSTAR			
891003859A	430191109000s1	35	SESW	24	16S	25E	PGW	UTU0369	NORTHSTAR			
891003859A	430193125100s1	36-A	SESE	19	16S	26E	PGW	UTU06188	NORTHSTAR	GAS	COMPANY	INC
891003859A	430193125200s1	37	SWNE 2	20	16S	26E	PGW	UTU05650	NORTHSTAR	GAS	COMPANY	INC
891003859A	430193125300s1	38	NESW '	16	16S	25E	PGW	STATE	NORTHSTAR			
891003859A	430191588700s1	4	SESW 3	30	16S	26E	PGW	UTU06023	NORTHSTAR			
891003859A	430193128900s1	41	NENE 3	3 6	16S	25E	PGW	STATE	NORTHSTAR	GÁS	COMPANY	INC
891003859A	430193129000s1	42	NESE 3	50	16S	26E	PGW	UTU06023	NORTHSTAR	GAS	COMPANY	INC
891003859A	430193129100s1		NESE 2	29	168	26E	PGW	UTU06021	NORTHSTAR	GAS	COMPANY	INC
891003859A	430193130100s1	44	SENE 3	50	168	26E	PGW	UTU06023	NORTHSTAR	GAS	COMPANY	INC
891003859A	430193129900s1	45	NWSE 2	20	16S	26E	PGW	UTU05650	NORTHSTAR	GAS	COMPANY	INC
891003859A	430193131800s1	47	NENE 3	51 °	168	26E	PGW	U06023	NORTHSTAR	GAS	COMPANY	INC
891003859A	430193131600s1	49	NENW 2	9	16S	26E	PGW	UTU025245	NORTHSTAR	GAS	COMPANY	INC
891003859A	430191589000s1		susu 1	6	16S	25E	PGW	STATE	NORTHSTAR	GAS	COMPANY	INC
891003859A	430191589100\$1	9	NUME 2	27	16S	25E	PGW	UTU0370A	NORTHSTAR	GAS	COMPANY	INC
** ****												
** INSPECTION ITEM			NRROYO EN									
891003859B	430191653200\$1	-	SENU Z	6 '	168	25E	PGW	UTSL071307	NORTHSTAR	GAS	COMPANY	INC
891003859B	430191588500s1	_	SENW 2	22 '	165	25E	PGW	UTU0370A	NORTHSTAR	GAS	COMPANY	INC
8910038598	430191588600s1 3		SENU 2	3 1	16S	25E	GSI	UTU0369	NORTHSTAR	GAS	COMPANY	INC
891003859B	430193125000s1 4		NWNE 2	7 1	i6S	25E	PGW	UTU0370A	NORTHSTAR	GAS	COMPANY	INC
8910038598	430191588800s1 5		NWSE 2	5 1	16S	25E	PGW	UTU0369	NORTHSTAR	GAS	COMPANY	INC
8910038598	430191588900s1 6	5	SWNE 2	1 1	16S	25E	PGW	UTU0136529	NORTHSTAR	GAS	COMPANY	INC

	ATOR CHANGE WORKSHEET	· ~4	Routing 1-14EC	6- Let	1
	all documentation received by the division regarding this change. ach listed item when completed. Write N/A if item is not applicable.		2-GLH// 3-D TS 2 4-VLD 5-RJF	> / 	/
	ange of Operator (well sold) ☐ Designation of Agent ☐ Operator ☐ Operator Name Chang	e Only	3.101		
The ope	erator of the well(s) listed below has changed, effective:5-13	3-96			
TO: (ne	, 11 DO DOT 0/000	perator) ddress)			<u>c</u>
	Phone: (405) 525-7788 Account no. N7430		Phone: (713) Account no. N		
WELL(S	S) attach additional page if needed: *SAN ARROYO UNIT				
Name: Name: Name:	API: 43-019-15903Entity: S	T T T T	R Le	ease:	
1.	(r649-8-10) Sundry or other legal documentation has been (attach to this form). (field 5-30-16) (r649-8-10) Sundry or other legal documentation has been reto this form). (field 5-30-16)				
,	The Department of Commerce has been contacted if the new of any wells in Utah. Is the company registered with the state? file number:	(yes/no) If yes	show compa	any
	FOR INDIAN AND FEDERAL WELLS ONLY. The BLM has Make note of BLM status in comments section of this form. Bl operator changes should ordinarily take place prior to the completion of steps 5 through 9 below.	LM appi	rovai of Federal	and indian w	ell.
r l'	Changes have been entered in the Oil and Gas Information Sy Cardex file has been updated for each well listed above.		270) for each w	ell listed abov	ve.
<u></u>	Well file labels have been updated for each well listed above.	. (6-13-	16)		
₹ 8. √	Changes have been included on the monthly "Operator, Add distribution to Trust Lands, Sovereign Lands, UGS, Tax Com	ress, and mission,	d Account Char etc. (6/2-96)	nges" memo f	for
<u> </u>	A folder has been set up for the Operator Change file, and a confor reference during routing and processing of the original documents of the origina	copy of t	his page has be	en placed the	re
•	OVED				

OPERATO	OR CHANGE WORKSHEET (continued) - Initial each item when completed. Write N/A if item is not applicable.
ENTITY	REVIEW
<u>Le</u> 1.	(r649-8-7) Entity assignments have been reviewed for all wells listed above. Were entity changes made? (yes/no) If entity assignments were changed, attach copies of Form 6, Entity Action Form.
	Trust Lands, Sovereign Lands, Tax Commission, etc., have been notified through normal procedures of entity changes.
BOND V	VERIFICATION - (FEE WELLS ONLY) Trust lands / \$80,000 "Enogex" on file.
Lic 1.	(r649-3-1) The NEW operator of any fee lease well listed above has furnished a proper bond.
<u>N/A</u> 2.	A copy of this form has been placed in the new and former operator's bond files.
<u>N/A</u> 3.	The FORMER operator has requested a release of liability from their bond (yes/no), as of today's date If yes, division response was made to this request by letter dated
D <u>()</u> 1.	Copies of documents have been sent on $\frac{7/6/96}{}$ to $\frac{Ed}{Bonner}$ at Trust Lands for changes involving State leases, in order to remind that agency of their responsibility to review for proper bonding.
FILMIN	All attachments to this form have been microfilmed. Today's date:
FILING	
1.	Copies of all attachments to this form have been filed in each well file.
2.	The original of this form, and the original attachments are now being filed in the Operator Change file.
COMM	ENTS
96052	24 Rem/Si aprv. + H. 5-13-96.

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United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Utah State Office P.O. Box 45155 Salt Lake City, UT 84145-0155

RECEIVED

AUG 2 1 2000

DIVISION OF OIL, GAS AND MINING

N REPLY REFER TO UT-931

August 17, 2000

Crescendo Energy, LLC c/o Pruitt, Gushee & Bachtell Attn: William E. Ward Suite 1850 Beneficial Life Tower Salt Lake City, Utah 84111-1495

Re:

San Arroyo Unit

Grand County, Utah

Gentlemen:

On August 14, 2000, we received an indenture dated June 30, 2000, whereby Enogex Exploration Corporation resigned as Unit Operator and Crescendo Energy, LLC was designated as Successor Unit Operator for the San Arroyo Unit, Grand County, Utah.

This indenture was executed by all required parties and the signatory parties have complied with Sections 5 and 6 of the unit agreement. The instrument is hereby approved effective August 17, 2000.

Your statewide (Utah) oil and gas bond No. 1184 will be used to cover all operations within the San Arroyo Unit.

It is requested that you notify all interested parties of the change in unit operator. Copies of the approved instruments are being distributed to the appropriate federal offices, with one copy returned herewith.

Sincerely,

/s/ Robert A. Henricks

Robert A. Henricks Chief, Branch of Fluid Minerals

Enclosure

bcc: Field Manager - Moab (w/enclosure)

Division of Oil, Gas & Mining
Minerals Adjudication Group U-932
File - San Arroyo Unit (w/enclosure)
MMS - Data Management Division

Agr. Sec. Chron Fluid Chron

UT931:TAThompson:tt:8/17/00

Well Status Report Utah State Office Bureau of Land Management

Lease Api Number Well Name

QTR Section Township Range Well Status Operator

** Inspection Ite			·		
. UTU025297	4301915905 1 (26) FEDERAL-GRANI		20 T16S	R26E PGW	ENOGEX EXPLORATION CORPORATION
UTU05059C	4301915892 11 SAN ARROYO UNIT	NESW	15 T16S	R25E PGW	ENOGEX EXPLORATION CORPORATION
UTSL071307	4301915893 12 SAN ARROYO UNIT	SWSW	23 T16S	R25E PGW	ENOGEX EXPLORATION CORPORATION
UTU0370A	4301915894 13 SAN ARROYO UNIT	SWSW	22 T16S	R25E GSI	ENOGEX EXPLORATION CORPORATION
STATE	4301915895-14-SAN ARROYO UNIT	SUNE-	16-1166	R256 P+A	ENOGEX EXPLORATION CORPORATION
UTU0136529	4301911091 15 (34-A) SAN ARROY		21 T16S	R25E ABD	ENOGEX EXPLORATION CORPORATION
UTU0369	4301915896 16 SAN ARROYO UNIT	SESW	26 T16S	R25E PGW	ENOGEX EXPLORATION CORPORATION
UTU025243	4301915897 17 SAN ARROYO UNIT	NENE	24 T16S	R25E PGW	ENOGEX EXPLORATION CORPORATION
UTU06023	4301915898 18 SAN ARROYO UNIT	NWNW	30 T16S	R26E PGW	ENOGEX EXPLORATION CORPORATION
·UTU05011B	4301915899 19 SAN ARROYO	SWSE	14 T16S	R25E PGW	ENOGEX EXPLORATION CORPORATION
UTSL071307	4301915900 20 SAN ARROYO	SENE	26 T16S	R25E PGW	ENOGEX EXPLORATION CORPORATION
UTU0369	4301915901 21 SAN ARROYO	NWSE	25 T16S	R25E PGW	ENOGEX EXPLORATION CORPORATION
UTU05011A	4301915902 22 SAN ARROYO	NENE	15 T16S	R25E -PGW	ENOGEX EXPLORATION CORPORATION
UTU06188	4301915903 24 SAN ARROYO UNIT	SENW	19 T16S	R26E PGW	ENOGEX EXPLORATION CORPORATION
UTU0136529	4301915904 25 SAN ARROYO	SWNE	21 T16S	R25E PGW	ENOGEX EXPLORATION CORPORATION
UTU06021	4301915906 27 SAN ARROYO	NESW	29 T16S	R26E PGW	ENOGEX EXPLORATION CORPORATION
UTU05650	4301915907 28 FEDERAL	NWNE	29 T16S	R26E PGW	ENOGEX EXPLORATION CORPORATION
UTU0370A	4301915908 29 SAN ARROYO UNIT	NENE	22 T16S	R25E PGW	ENOGEX EXPLORATION CORPORATION
UTU0369	4301915886 3 UNIT	SENW	23 T16S	R25E PGW	ENOGEX EXPLORATION CORPORATION
UTU05650	4301915909 30 SAN ARROYO UNIT	NUSW	21 T16S	R26E PGW	ENOGEX EXPLORATION CORPORATION
UTU0370A	4301930527 31 SAN ARROYO UNIT	NUNU	22 T16S	R25E PGW	ENOGEX EXPLORATION CORPORATION
UTU05011B	4301930528 32 SAN ARROYO UNIT	SMSM	14 T16S	R25E PGW	ENOGEX EXPLORATION CORPORATION
UTU0369	4301930608 33 SAN ARROYO UNIT	SWSW	25 T16S	R25E PGW	ENOGEX EXPLORATION CORPORATION
UTU06188	4301931251 36-A SAN ARROYO UNI	r sese	19 T16S	R26E PGW	ENOGEX EXPLORATION CORPORATION
UTU05650	4301931252 37 SAN ARROYO UNIT	SWNE	20 T16S	R26E PGW	ENOGEX EXPLORATION CORPORATION
STATE	4301931253 38 SAN ARROYO UNIT	SWNE	16 T16S	R25E PGW	ENOGEX EXPLORATION CORPORATION
UTU06023	4301915887 4 GOVT-SAN ARROYO	SESW	30 T16S	R26E PGW	ENOGEX EXPLORATION CORPORATION
STATE	4301931289 41 SAN ARROYO UNIT	NENE	36 T16S	R25E PGW	ENOGEX EXPLORATION CORPORATION
UTU06023	4301931290 42 SAN ARROYO UNIT	NESE	30 T16S	R26E PGW	ENOGEX EXPLORATION CORPORATION
UTU06021	4301931291 43 SAN ARROYO UNIT	NESE	29 T16S	R26E PGW	ENOGEX EXPLORATION CORPORATION
UTU06023	4301931301 44 SAN ARROYO	SENE	30 T16S	R26E PGW	ENOGEX EXPLORATION CORPORATION
UTU05650	4301931299 45 SAN ARROYO	NWSE	20 T16S	R26E PGW	ENOGEX EXPLORATION CORPORATION
UTU06023	4301931318 47 FEDERAL	NWNE	31 T16S	R26E PGW	ENOGEX EXPLORATION CORPORATION
UTU025245	4301931316 49 FEDERAL	NENW	29 T16S	R26E PGW	ENOGEX EXPLORATION CORPORATION
UTU0369	4301911090 7 (35) SAN ARROYO	SESW	24 T16S	R25E PGW	ENOGEX EXPLORATION CORPORATION
STATE	4301915890 8 SAN ARROYO UNIT	SWSW	16 T16S	R25E PGW	ENOGEX EXPLORATION CORPORATION
UTU0370A	4301915891 9 SAN ARROYO UNIT	NWNE	27 T16S	R25E PGW	ENOGEX EXPLORATION CORPORATION
** Inspection It	em: 891003859B				
UTSL071307	4301916532 1 GOVT SAN ARROYO	SENW	26 T16S	R25E GSI	ENOGEX EXPLORATION CORPORATION
UTU0370A	4301915885 2 UNIT	SENW	22 T16S	R25E GSI	ENOGEX EXPLORATION CORPORATION
UTU0370A	4301931250 40 SAN ARROYO UNIT	NWNE	27 T16S	R25E TA	ENOGEX EXPLORATION CORPORATION
UTU0369	4301915888 5 SAN ARROYO UNIT	NWSE	25 T16S	R25E GSI	ENOGEX EXPLORATION CORPORATION
UTU0136529	4301915889 6 SAN ARROYO UNIT	SWNE	21 T16S	R25E PGW	ENOGEX EXPLORATION CORPORATION

Crescendo Energy, LLC

P.O. Box 1814 Midland, TX 79702 Phone: 915-697-7221 Fax: 915-697-7289

August 23, 2000

Attn: Mr. Jim Thompson Utah Division of Oil, Gas & Mining 1594 W North Temple Salt Lake City, Utah 84114-5801

Re: Change of Operator

Dear Mr. Thompson:

The attached list of properties was formerly owned and operated by Enogex Exploration Corporation. Crescendo Energy, LLC has purchased the properties and has taken over operations. If you have any questions, please feel free to contact me at the phone number listed above.

Sincerely yours, Crescendo Energy, LLC

By: Crescendo Energy Partners, LLC, its Managing Member

James J. Osborne, Vice President

Confirmation by Previous Operator:

Enogex Exploration Corporation

Name (Print):

itle: Manages

jjo Attachment



Utah Department of Commerce
Division of Corporations & Commercial Code
160 East 300 South, 2nd Picer, Bex 146705
Salt Lake City, UT 84114-6705
Service Center: (801) 838-4849
Toll Pree: (877) 526-3994 Utah Residents
Fax: (801) 530-6438
Web site: http://www.commerce.state.ut.ux

CRESCENDO ENERGY, LLC

August 4, 2000

CERTIFICATE OF EXISTENCE

Registration Number:

PENDING

Business Name:

CRESCENDO ENERGY, LLC

Registered Date: Foreign or Domestic:

JULY 13, 2000 FOREIGN

Current Status:

GOOD STANDING

The Division of Corporations and Commercial Code of the State of Utah, custodian of the records of business registrations, certifies that the business entity on this certificate is authorized to transact business and was duly registered under the laws of the State of Utah.



Lorena Riffo-Jenson
Division Director of
Corporations and Commercial Code

Dept. of Professional Licensing (801)530-6628

Real Estate (801)530-6747

Public Utilities (801)530-6651

Securities (801)530-6600

Consumer Protection (801)530-6601

RESIGNATION OF UNIT OPERATOR

San Arroyo Unit Area

County of

State of Utah

Unit Agreement No. 14-08-001-3859

Under and pursuant to the provisions of Section 5 of the Unit Agreement for the Development and Operation of the San Arroyo Unit Area, Grand County, Utah, Enogex Exploration Corporation, the designated Unit Operator under said Unit Agreement, does hereby resign as Unit Operator, effective upon the selection and approval of a successor Unit Operator.

EXECUTED with effect as aforesaid the 30th day of June, 2000.

ENOGEX EXPLORATION CORPORATION

Name: Dennis F. Jaggi

Title: Vice President

DESIGNATION OF SUCCESSOR UNIT OPERATOR

San Arroyo Unit Area

County of

State of Utah

Unit Agreement No. 14-08-001-3859

THIS INDENTURE, dated as of the 30th day of June, 2000, by and between Crescendo Energy, L.L.C., hereinafter designated as "First Party", and the owners of unitized working interests, hereinafter designated as "Second Parties",

WITNESSETH:

WHEREAS, under the provisions of the Act of February 25, 1920, 41 Stat. 437, 30 U.S.C. Secs.

181, et seq., as amended by the Act of August 8, 1946, 60 Stat. 950, the Secretary of the Interior, on the

2nd day of August, 1957, approved a Unit Agreement for the San Arroyo Unit Area, wherein Sinclair Oil

Company was designated as Unit Operator, and

WHEREAS Enogex Exploration Corporation by subsequent designation is currently Unit

Operator, but has resigned as such Operator and the designation of a successor Unit Operator is now

required pursuant to the terms thereon; and

WHEREAS the First Party has been and hereby is designated by Second Parties as Unit

Operator, and said First Party desires to assume all the rights, duties and obligations of Unit Operator

under the said Unit Agreement:

NOW, THEREFORE, in consideration of the premises hereinbefore set forth and the promises

hereinafter stated, the First party hereby covenants and agrees to fulfill the duties and assume the

obligations of Unit Operator under and pursuant to all the terms of the San Arroyo Unit Agreements, and

the Second Parties covenant and agree that, effective upon approval of this indenture by the Chief,

Branch of Fluid Minerals, Bureau of Land Management, First Party shall be granted the exclusive right

and privilege of exercising any and all rights and privileges as Unit Operator, pursuant to the terms and

conditions of said Unit Agreement; said unit Agreement being hereby incorporated herein by reference

and made a part hereof as fully and effectively as though said Unit Agreement were expressly set forth in

this instrument.

IN WITNESS WHEREOF, the parties hereto have executed this instrument as of the date

hereinabove set forth.

FIRST PARTY:

CRESCENDO ENERGY, L.L.C.

BY: CRESCENDO ENERGY MARTHERS, LLC, of managing

SECOND PARTIES:

ENOGEX EXPLORATION CORPORATION
By: Dennis F. Jago Title: Vice-President
Execution Date: 7/10/00
BOOK CLIFFS OIL & GAS COMPANY
By: Och Cott
Name: D. L. Catt
Title: Vice President
Execution Date: 7 - 18-00
NATIONAL FUEL CORPORATION
By: J. A. Vlegueper
Name: J.C. THOMPSON
Title:
Execution Date: 8/7/00

CORPORATE ACKNOWLEDGEMENT

mos & Delcare said corp	Y OF Serema) This instrument was accept, as		,	day of They endo Energy, L.L.C.,	
	Notary Public, State of Tex My Comm. Exp., 7-8		Notary Public in and fo State of Texas My commission expires	s 7/8/02	<u>_</u>
	OF OKLAHOMA)) Y OF OKLAHOMA)	ss			
as Vice-	This instrument was ackn President of Enogex Expl WITNESS my hand and c	oration Corpor			nnis F. Jaggi,
			Notary Public in and fo	r the State of Oklaho	ma

My commission expires 8/21/01

CORPORATE ACKNOWLEDGEMENT

STATE OF COUNTY OF Senema)
This instrument was acknowledged before me on the 18 day of July, 2000, by behalf of said corporation.
WITNESS my hand and official seal.
OFFICIAL SEAL - 1249289 Notary Public in and for the State of Oklahoma Notary Public - CALIF. COUNTY OF SONOMA My Comm. Exp. Feb. 8, 2004 My Comm. Exp. Feb. 8, 2004
CORPORATE ACKNOWLEDGEMENT
STATE OF <u>Colorado</u>) ss COUNTY OF <u>Arapaho</u> e)
This instrument was acknowledged before me on the <u>1</u> day of <u>August</u> , 2000, by <u>10 Thompson</u> , as <u>Chairman</u> of National Fuel Corporation, on behalf of said corporation.
WITNESS my hand and official seal.
Brenda K Mayland Notary Public in and for the State of Oklahoma Colorada My commission expires 4-13-01

OPERATOR CHANGE WORKSHEET

ROUTING

Roomie						
1. GLH	4-KAS					
2. CDW	5-5/1					
3. JLT	6-FILE					

Enter date after each listed item is completed

X Change of Operator (Well Sold)

Designation of Agent

Operator Name Change (Only)

Merger

The operator of the well(s) listed below has change	ed, effective	:	06-30-20	000	_				
FROM: (Old Operator):			TO: (New Operator):						
ENOGEX EXPLORATION CORPORATION			CRESCE	NDO ENERGY	PARTNER	S LLC			
Address: P. O. BOX 24300			Address:	P. O. BOX 18	314				
OKLAHOMA CITY, OK 73124-0300		- -	MIDLAN	D, TX 79702					
Phone: 1-(405)-525-7788		_	Phone: 1-	(915)-697-722	l				
Account No. N7430		-	Account	N1365					
	CA No.	•	Unit:	SAN ARROY	YO				
WELL(S)									
		API	ENTITY	SEC. TWN	LEASE	WELL	WELL		
NAME		NO.	NO.	RNG	TYPE	TYPE	STATUS		
SAN ARROYO # 19		43-019-15899	500	14-16S-25E	FEDERAL	GW	P		

	API	ENTITY	SEC. TWN	LEASE	WELL	WELL
NAME	NO.	NO.	RNG	TYPE	TYPE	STATUS
SAN ARROYO # 19	43-019-15899	500	14-16S-25E	FEDERAL	GW	P
SAN ARROYO # 32	43-019-30528	500	14-16S-25E	FEDERAL	GW	P
SAN ARROYO # 11	43-019-15892	500	15-16S-25E	FEDERAL	GW	P
SAN ARROYO # 22	43-019-15902	500	15-16S-25E	FEDERAL	GW	P
SAN ARROYO # 8	43-019-15890	500	16-16S-25E	FEDERAL	GW	P
SAN ARROYO # 25	43-019-15904	500	21-16S-25E	FEDERAL	GW	P
SAN ARROYO # 29	43-019-15908	500	22-16S-25E	FEDERAL	GW	P
SAN ARROYO # 31	43-019-30527	500	22-16S-25E	FEDERAL	GW	P
SAN ARROYO # 3	43-019-15886	500	23-16S-25E	FEDERAL	GW	P
SAN ARROYO # 12	43-019-15893	500	23-16S-25E	FEDERAL	GW	P
SAN ARROYO # 17	43-019-15897	500	24-16S-25E	FEDERAL	GW	P
SAN ARROYO # 21	43-019-15901	500	25-16S-25E	FEDERAL	GW	P
SAN ARROYO # 16	43-019-15896	500	26-16S-25E	FEDERAL	GW	P
SAN ARROYO # 20	43-019-15900	500	26-16S-25E	FEDERAL	GW	P
SAN ARROYO # 9	43-019-15891	500	27-16S-25E	FEDERAL	GW	P
SAN ARROYO # 24	43-019-15903	500	19-16S-26E	FEDERAL	GW	P
SAN ARROYO # 26	43-019-15905	500	20-16S-26E	FEDERAL	GW	P
SAN ARROYO # 30	43-019-15909	500	21-16S-26E	FEDERAL	GW	P
SAN ARROYO # 13	43-019-15894	500	22-16S-26E	FEDERAL	GW	P
SAN ARROYO # 27	43-019-15906	500	29-16S-26E	FEDERAL	GW	P
SAN ARROYO # 28	43-019-15907	500	29-16S-26E	FEDERAL	GW	P
SAN ARROYO # 4	43-019-15887	500	30-16S-26E	FEDERAL	GW	P
SAN ARROYO # 18	43-019-15898	500	30-16S-26E	FEDERAL	GW	P

OPERATOR CHANGES DOCUMENTATION

1. (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on:

08/23/2000

2. (R649-8-10) Sundry or legal documentation was received from the NEW operator on:

08/23/2000

3.	The new company has been checked through the Department of Commerce , Division of Corporations Database on: 10/19/2000
4.	Is the new operator registered in the State of Utah: YES Business Number: 4549132-0143
5.	If NO, the operator was contacted contacted on:
6.	Federal and Indian Lease Wells: The BLM and or the BIA has approved the (merger, name change, or operator change for all wells listed on Federal or Indian leases on:
7.	Federal and Indian Units: The BLM or BIA has approved the successor of unit operator for wells listed on: 08/17/2000
8.	Federal and Indian Communization Agreements ("CA"): The BLM or the BIA has approved the operator change for all wells listed involved in a CA on: N/A
9.	Underground Injection Control ("UIC") Pro: The Division has approved UIC Form 5, Transfer of Authority to Inject, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: N/A
D	ATA ENTRY:
1.	Changes entered in the Oil and Gas Database on: 10/19/2000
2.	Changes have been entered on the Monthly Operator Change Spread Sheet on: 10/19/2000
3.	Bond information entered in RBDMS on:
4.	Fee wells attached to bond in RBDMS on:
S 7.	State well(s) covered by Bond No.: N/A
F	EE WELLS - BOND VERIFICATION/LEASE INTEREST OWNER NOTIFICATION:
1.	(R649-3-1) The NEW operator of any fee well(s) listed has furnished a bond: N/A
2.	The FORMER operator has requested a release of liability from their bond on: N/A The Division sent response by letter on: N/A
3.	(R649-2-10) The FORMER operator of the Fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: N/A
	LMING: All attachments to this form have been MICROFILMED on: 3,5,0]
	LING: ORIGINALS/COPIES of all attachments pertaining to each individual well have been filled in each well file on:
C	DMMENTS:
_	

FORM 9

STATE OF UTAH

DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OU. GAS AND MINING

DIVISION OF OIL, GAS AND MINING	5. LEASE DESIGNATION AND SERIAL NUMBER: See attached			
SUNDRY NOTICES AND REPORTS ON V	WELLS 6. IF INDIAN, ALLOTTEE OR TRIBE NAME:			
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such 1. TYPE OF WELL OIL WELL GAS WELL OTHER	proposals. 8. WELL NAME and NUMBER:			
2. NAME OF OPERATOR:	9. API NUMBER:			
3. ADDRESS OF OPERATOR:				
	(435) 781-1870 See attached			
4. LOCATION OF WELL FOOTAGES AT SURFACE: See attached schedule of wells	COUNTY: Grand			
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:	STATE: UTAH			
11. CHECK APPROPRIATE BOXES TO INDICATE NATI	JRE OF NOTICE, REPORT, OR OTHER DATA			
TYPE OF SUBMISSION	TYPE OF ACTION			
Approximate date work will start: Approximate date work will start: CASING REPAIR CHANGE TO PREVIOUS PLANS CHANGE TUBING CHANGE TUBING PLU SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: CHANGE WELL NAME CHANGE WELL STATUS PRO COMMINGLE PRODUCING FORMATIONS REC CONVERT WELL TYPE REC 12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent de Crescendo Energy, LLC is a wholly owned subsidiary of Slate Rive	SIDETRACK TO REPAIR WELL WOONSTRUCTION TEMPORARILY ABANDON ERATOR CHANGE TUBING REPAIR WO AND ABANDON VENT OR FLARE WOOD BACK WATER DISPOSAL DOUCTION (START/RESUME) WATER SHUT-OFF CLAMATION OF WELL SITE OTHER: COMPLETE - DIFFERENT FORMATION Tails including dates, depths, volumes, etc. ET RESOURCES, LLC. All the wells, properties and leasehold			
Crescendo Energy, LLC to Slate River Resources, LLC on the well Operator of the San Arroyo Unit Area effective November 1, 2005. The Bond numbers for Slate River Resources, LLC are: State of Utah DOGM Bond B001556 \$120,000 State of Utah Bond of Lessee B001760 \$ 15,000 being transfer	Is listed on the attached schedule, including a change of erred from Crescendo to Slate River Resources, LLC			
NAME (PLEASE PRINT) Gary D. Davis	President, Slate River Resources, LLC 11/10/2005			
This space for State use only)	SUNDRY NOTICES AND REPORTS ON WELLS this form for progressal to diff new wats, significantly despen exidency wells below current bottom-hole depth, render plugged wells, or to all notices with a previous to shift new wats, significantly despen exidency wells or the APPLICATION FOR PERMIT TO DRIAL two for wash proposeds. WELL OIL WELL GAS WELL OTHER See attached S. WELL NAME and RUMBER See attached See attached S. WELL NAME and RUMBER See attached See a			
APPROVED // 139105	RECEIVED			
Carlo	NOV 1 6 2005			

(5/2000)

Division of Oil, Gas and Mining
Earlene Russell, Engineering Technician

(See Instructions on Reverse Side)

DIV. OF OIL, GAS & MINING

APLWEIR Hombes	as as of the last of		audiane	es de de la composición della		Semilar Cons	80174811	Section	a communications		EN
	CRESCENDO ENERGY LLC	ARCO 27-1	Gas Well	Producing	SAN ARROYO	GRAND		27	16S-25E	U-29645	170
43-019-31162-00-0	CRESCENDO ENERGY LLC	ARCO STATE 36-7	Gas Well	Producing	EAST CANYON	GRAND	SWSE	36	15.5S-24E	ML-22208	852
43-019-31192-00-0	CRESCENDO ENERGY LLC	ARCO STATE 36-8	Gas Well	Producing	EAST CANYON	GRAND	SWSW	36	15.5S-24E	ML-22208	128
43-019-30240-00-0	CRESCENDO ENERGY LLC	ARCO-STATE 2-1	Gas Well	Producing	EAST CANYON	GRAND	NESE	2	16S-24E	ML-22208	242
43-019-30241-00-0	CRESCENDO ENERGY LLC	ARCO-STATE 2-2	Gas Well	Shut-In	EAST CANYON	GRAND	NWNW	2	165-24E	ML-22208	142
43-019-30047-00-0	CRESCENDO ENERGY LLC	BITTER CREEK 1	Gas Well	Producing	SAN ARROYO	GRAND	SWSE	2	165-25E	ML-25151	108
43-047-30765-00-0	CRESCENDO ENERGY LLC	BLACK HORSE CANYON FED 31-1	Gas Well	Producing	BLACK HORSE CYN	UINTAH	NWSW	31	15S-24E	U-14234	203
43-019-15884-00-0	CRESCENDO ENERGY LLC	FEDERAL 174 1	Gas Well	Producing	SAN ARROYO	GRAND	SESW	11	16S-25E	U-126528	194
43-019-31432-00-0	CRESCENDO ENERGY LLC	FEDERAL 27-2	Gas Well	Approved permit (APD); not yet spudde	SAN ARROYO	GRAND	SESE	27	16S-25E	U-29645	111
43-019-31318-00-0	CRESCENDO ENERGY LLC	FEDERAL 47	Gas Well	Producing	SAN ARROYO	GRAND	NWNE	31	165-26E	U-6023	990
43-019-31410-00-0	CRESCENDO ENERGY LLC	FEDERAL 6-1	Gas Well	Approved permit (APD); not yet spudde	SAN ARROYO	GRAND	SWNW	6	16S-25E	U-9831	176
43-019-11089-00-0	CRESCENDO ENERGY LLC	FEDERAL GILBERT 1	Gas Well	Producing	SAN ARROYO	GRAND	SWNE	11	16S-25E	U-126528	114
43-019-16532-00-0	CRESCENDO ENERGY LLC	SAN ARROYO 01	Gas Well	Shut-In	SAN ARROYO	GRAND	SENW	26	16S-25E	USL-71307	132
43-019-15885-00-0	CRESCENDO ENERGY LLC	SAN ARROYO 02	Gas Well	Shut-In	SAN ARROYO	GRAND	SENW	22	16S-25E	U-370-A	112
43-019-15886-00-0	CRESCENDO ENERGY LLC	SAN ARROYO 03	Gas Well	Producing	SAN ARROYO	GRAND	SENW	23	16S-25E	U-369	60
43-019-15887-00-0	CRESCENDO ENERGY LLC	SAN ARROYO 04	Gas Well	Producing	SAN ARROYO	GRAND	SESW	30	16S-26E	U-6023	, 660
43-019-15888-00-0	CRESCENDO ENERGY LLC	SAN ARROYO 05	Gas Well	Shut-In	SAN ARROYO	GRAND	NWSE	25	16S-25E	U-369	820
43-019-15889-00-0	CRESCENDO ENERGY LLC	SAN ARROYO 06	Gas Well	Shut-In	SAN ARROYO	GRAND	SWNE	21	16S-25E	U-136529	136
43-019-15890-00-0	CRESCENDO ENERGY LLC	SAN ARROYO 08	Gas Well	Producing	SAN ARROYO	GRAND	SWSW	16	16S-25E	ML-4113	206
43-019-15891-00-0	CRESCENDO ENERGY LLC	SAN ARROYO 09	Gas Well	Producing	SAN ARROYO	GRAND	NWNE	27	16S-25E	U-370-A	121
43-019-15892-00-0	CRESCENDO ENERGY LLC	SAN ARROYO 11	Gas Well	Producing	SAN ARROYO	GRAND	NESW	15	16S-25E	U-5059-C	245
43-019-15893-00-0	CRESCENDO ENERGY LLC	SAN ARROYO 12	Gas Well	Producing	SAN ARROYO	GRAND	swsw	23	16S-25E	USL-71307	152
43-019-15894-00-0	CRESCENDO ENERGY LLC	SAN ARROYO 13	Gas Well	Producing	SAN ARROYO	GRAND	C-SW	22	16S-25E	U-370-A	660
43-019-15896-00-0	CRESCENDO ENERGY LLC	SAN ARROYO 16	Gas Well	Producing	SAN ARROYO	GRAND	SESW	26	165-25E	U-369	199
43-019-15897-00-0	CRESCENDO ENERGY LLC	SAN ARROYO 17	Gas Well	Producing	SAN ARROYO	GRAND	NENE	24	16S-25E	U-25243	660
43-019-15898-00-0	CRESCENDO ENERGY LLC	SAN ARROYO 18	Gas Well	Producing	SAN ARROYO	GRAND	NWNW	30	165-26E	U-6023	130
43-019-15899-00-0	CRESCENDO ENERGY LLC	SAN ARROYO 19	Gas Well	Producing	SAN ARROYO	GRAND	SWSE	14	16S-25E	U-5011-B	260
43-019-15900-00-0	CRESCENDO ENERGY LLC	SAN ARROYO 20	Gas Well	Producing	SAN ARROYO	GRAND	SENE	26	16S-25E	USL-71307	171
43-019-15901-00-0	CRESCENDO ENERGY LLC	SAN ARROYO 21	Gas Well	Producing	SAN ARROYO	GRAND	NWSE	25	16S-25E	U-369	395
43-019-15902-00-0	CRESCENDO ENERGY LLC	SAN ARROYO 22	Gas Well	Producing	SAN ARROYO	GRAND	NENE	15	165-25E	U-5011-A	219
43-019-15903-00-0	CRESCENDO ENERGY LLC	SAN ARROYO 24	Gas Well	Producing	SAN ARROYO	GRAND	SENW	19	16S-26E	U-6188	769
43-019-15904-00-0	CRESCENDO ENERGY LLC	SAN ARROYO 25	Gas Weil	Producing	SAN ARROYO	GRAND	SWNE	21	16S-25E	U-136529	111
43-019-15905-00-0	CRESCENDO ENERGY LLC	SAN ARROYO 26	Gas Well	Producing	SAN ARROYO	GRAND	swsw	20	16S-26E	U-25297	178
43-019-15906-00-0	CRESCENDO ENERGY LLC	SAN ARROYO 27	Gas Well	Producing	SAN ARROYO	GRAND	NESW	29	16S-26E	U-6021	_78
43-019-15907-00-0	CRESCENDO ENERGY LLC	SAN ARROYO 28	Gas Well	Producing	SAN ARROYO	GRAND	NWNE	29	16S-26E	U-5650	634
43-019-15908-00-0	CRESCENDO ENERGY LLC	SAN ARROYO 29	Gas Well	Producing	SAN ARROYO	GRAND	NENE	22	16S-25E	U-370-A	540
43-019-15909-00-0	CRESCENDO ENERGY LLC	SAN ARROYO 30	Gas Well	Producing	SAN ARROYO	GRAND	NWSW	21	165-26E	U-5650	945
43-019-30527-00-0	CRESCENDO ENERGY LLC	SAN ARROYO 31	Gas Well	Shut-In	SAN ARROYO	GRAND	NWNW	22	16S-25E	U-370-A	739
43-019-30528-00-0	CRESCENDO ENERGY LLC	SAN ARROYO 32	Gas Well	Producing	SAN ARROYO	GRAND	SWSW	14	16S-25E	U-5011-B	130
	CRESCENDO ENERGY LLC CRESCENDO ENERGY LLC	SAN ARROYO 33 SAN ARROYO 35	Gas Well	Producing	SAN ARROYO	GRAND	SWSW	25	16S-25E	U-369	197
				Producing	SAN ARROYO	GRAND		24	16S-25E	U-369	187
	CRESCENDO ENERGY LLC	SAN ARROYO 36-A SAN ARROYO 37	Gas Well	Producing	SAN ARROYO	GRAND	SESE	19	16S-26E	U-6188	304
		SAN ARROYO 37	Gas Well	Producing	SAN ARROYO	GRAND	SWNE	20	16S-26E	U-5650	202
		SAN ARROYO 40	Gas Well	Producing Churk to	SAN ARROYO	GRAND	SWNE	16	16S-25E	ML-4113	139
		SAN ARROYO 41	Gas Well	Shut-In	SAN ARROYO	GRAND	NWNE	27	16S-25E	U-370-A	148
		SAN ARROYO 42	Gas Well	Producing	SAN ARROYO	GRAND	NENE	36	16S-25E	Not CE Lease	134
		SAN ARROYO 42	Gas Well	Producing	SAN ARROYO	GRAND	NESE	30	16S-26E	U-6023	130
	CRESCENDO ENERGY LLC	SAN ARROYO 44	Gas Well	Producing	SAN ARROYO	GRAND	NESE	29	16S-26E	U-6021	600
		SAN ARROYO 45	Gas Well	Producing	SAN ARROYO	GRAND	SENE	30	16S-26E	U-6023	1
	C. COCCIO ENERGI LEC	L SULVINOTO 43	GAS MEII	Producing	SAN ARROYO	GRAND	NWSE	20	16S-26E	U-5650	0

UTAH SCHEDULE OF WELLS SLATE RIVER RESOURCES, LLC, OPERATOR

43-019-31316-00-0	CRESCENDO ENERGY LLC	SAN ARROYO 49	Gas Well	Producing	SAN ARROYO	GRAND	NENW	29	16S-26E	U-25245	0
43-019-31414-00-0	CRESCENDO ENERGY LLC	SAN ARROYO U #50	Gas Well	New Permit (Not yet approved or drille	SAN ARROYO	GRAND	NESE	16		ML-4113	0
43-019-31425-00-0	CRESCENDO ENERGY LLC	SAN ARROYO U #51	Gas Well	Approved permit (APD); not yet spudde	SAN ARROYO	GRAND	NESW	15	165-25E	U-5059-C	0
43-019-31431-00-0	CRESCENDO ENERGY LLC	SAN ARROYO U #52	Gas Well	Approved permit (APD); not yet spudd	SAN ARROYO	GRAND	SENW	26	16S-25E	USL-71307	0
43-019-31426-00-0	CRESCENDO ENERGY LLC	SAN ARROYO U #53	Gas Well	Approved permit (APD); not yet spudde		GRAND	NWSE	22	16S-25E	U-370-A	10
43-019-31433-00-0	CRESCENDO ENERGY LLC	SAN ARROYO U #54	Gas Well	Approved permit (APD); not yet spudde	SAN ARROYO	GRAND	SESW	19		U-6188	0
43-019-31430-00-0	CRESCENDO ENERGY LLC	SAN ARROYO U #55	Gas Well	Approved permit (APD); not yet spudde	SAN ARROYO	GRAND	SENW	25		U-369	0
43-019-31428-00-0	CRESCENDO ENERGY LLC	SAN ARROYO U #56	Gas Well	Approved permit (APD); not yet spudd	SAN ARROYO	GRAND	NESE	24		U-369	0
43-019-31429-00-0	CRESCENDO ENERGY LLC	SAN ARROYO U #58	Gas Well	Approved permit (APD); not yet spudde	SAN ARROYO	GRAND	SESE	25	16S-25E	U-369	0
43-019-31427-00-0	CRESCENDO ENERGY LLC	SAN ARROYO U #59	Gas Well	Approved permit (APD); not yet spudde	SAN ARROYO	GRAND	SESE	23	16S-25E	USL-71307	1820
43-019-31411-00-0	CRESCENDO ENERGY LLC	STATE 2-3	Gas Well	Approved permit (APD); not yet spudde	EAST CANYON	GRAND	SENW	2		ML-22208	1
								1		 	

Division of Oil, Gas and Mining

OPERATOR CHANGE WORKSHEET

ROUTING
1. DJJ
2. CDW

Change of Operator (Well Sold)

Designation of Agent/Operator

Operator Name Change

X Merger

The operator of the well(s) listed below has char	11/1/2005										
FROM: (Old Operator):				TO: (New Operator):							
N1365-Crescendo Energy, LLC		· · ·		N2725-Slate River Resources, LLC							
1600 Broadway, Suite 900				418 Main St, Suite 18							
Denver, CO 80202				Vernal, UT 84078							
Phone: 1-(303) 592-4448				Phone: 1-(435)	781-1870						
CA No.	,			Unit:		SAN A	RROYO				
WELL(S)											
NAME	SEC	TWN	RNG	API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS			
SAN ARROYO 19	14	160S	250E	4301915899	500	Federal	GW	P			
SAN ARROYO 11	15	160S	250E	4301915892	500	Federal	GW	S			
SAN ARROYO 22	15	160S		4301915902	500	Federal	GW	P			
SAN ARROYO 8	16	160S	250E	4301915890	500	Federal	GW	P			
SAN ARROYO 6	21	160S	250E	4301915889		Federal	GW	S			
SAN ARROYO 25	21	160S	250E	4301915904		Federal	GW	P			
SAN ARROYO 2	22	160S		4301915885		Federal	GW	S			
SAN ARROYO 13	22	160S		4301915894		Federal	GW	P			
SAN ARROYO 3	23	160S		4301915886		Federal	GW	P			
SAN ARROYO 12	23	160S		4301915893		Federal	GW	P			
SAN ARROYO U 35	24	160S		4301911090		Federal	GW	P			
SAN ARROYO 17	24	160S		4301915897		Federal	GW	P			
SAN ARROYO 5	25	160S		4301915888		Federal	GW	S			
SAN ARROYO 21	25	160S		4301915901		Federal	GW	P			
SAN ARROYO 16	26	160S		4301915896		Federal	GW	P			
SAN ARROYO 20	26	160S		4301915900		Federal	GW	P			
SAN ARROYO 9	27	160S		4301915891		Federal	GW	P			
SAN ARROYO 24	19	160S		4301915903		Federal	GW	P			
SAN ARROYO 4	30	160S		4301915887		Federal	GW	P			
SAN ARROYO 18	30	160S	260E	4301915898	500	Federal	GW	P			
OPERATOR CHANGES DOCUMENTATI	ON		<u>l</u>		<u>.</u>		<u>.1</u>	<u> </u>			
Enter date after each listed item is completed											
1. (R649-8-10) Sundry or legal documentation was reco	eived f	from the	FORM	MER operator of	n:	11/16/200	5				
2. (R649-8-10) Sundry or legal documentation was reco						11/16/200					
, , ,				-			_				
3. The new company was checked on the Department	of Co	mmerce	e. Divis	ion of Corpora	tions Databa	se on:		11/23/2005			
4. Is the new operator registered in the State of Utah:				Business Numb		830411-01	61				
5. If NO, the operator was contacted contacted on:				-							
	_					1 /00 /0 =					
6a. (R649-9-2)Waste Management Plan has been receive					_requested 1	1/23/03					
6b. Inspections of LA PA state/fee well sites complete o	n:			n/a	_						
6c. Reports current for Production/Disposition & Sundri	ies on:				requested 1	1/23/05					

7. Federal and Indian Lease Wells: The BLM and or the BLA or operator change for all wells listed on Federal or Indian leases on:	A has approved the	ne merger, nam _not yet	e change,
8. Federal and Indian Units: The BLM or BIA has approved the successor of unit operator for w	rells listed on:	n/a	
 Federal and Indian Communization Agreements ("CATHE BLM or BIA has approved the operator for all wells listed with 	•	n/a	
10. Underground Injection Control ("UIC") The Division for the enhanced/secondary recovery unit/project for the water dispose			er of Authority to Inject, n/a
DATA ENTRY: 1. Changes entered in the Oil and Gas Database on:	11/29/2005		
 Changes have been entered on the Monthly Operator Change Sprea 		- 11/29/2005	
3. Bond information entered in RBDMS on:	n/a	11/23/2003	
4. Fee/State wells attached to bond in RBDMS on:	n/a	-	
5. Injection Projects to new operator in RBDMS on:	n/a	_	
6. Receipt of Acceptance of Drilling Procedures for APD/New on:		11/29/2005	
FEDERAL WELL(S) BOND VERIFICATION: 1. Federal well(s) covered by Bond Number:	UTB000187	_	
INDIAN WELL(S) BOND VERIFICATION: 1. Indian well(s) covered by Bond Number:	n/a	_	
FEE & STATE WELL(S) BOND VERIFICATION: 1. (R649-3-1) The NEW operator of any fee well(s) listed covered by Boundary	ond Number	B001556	
The FORMER operator has requested a release of liability from their l The Division sent response by letter on:	bond on: n/a	11/25/2005	
LEASE INTEREST OWNER NOTIFICATION: 3. (R649-2-10) The FORMER operator of the fee wells has been contact of their responsibility to notify all interest owners of this change on:	ed and informed by n/a	a letter from the D	vivision
COMMENTS:			

United States Department of the Interior



BUREAU OF LAND MANAGEMENT Utah State Office

Salt Lake City, UT 84145-0155 16 S 26 E 19 P.O. Box 45155 http://www.blm.gov

4301931433

IN REPLY REFER TO: 3106

December 5, 2005

Memorandum

(UT-922)

To:

Moab Field Office

From:

Acting Chief, Branch of Fluid Minerals

Subject:

Merger Approval

Attached is an approved copy of the merger recognized by the state of Delaware. We have updated our records to reflect the merger from Crescendo Energy LLC into Slate River Resources LLC. The merger was approved effective October 31, 2005.

for

David H. Murphy

Acting Chief, Branch of

Fluid Minerals

Enclosure

Articles of Organization (4 pp)

cc:

MMS, Reference Data Branch, James Sykes, PO Box 25165, Denver CO 80225

State of Utah, DOGM, Attn: Earlene Russell, PO Box 145801, SLC UT 84114

Teresa Thompson

Joe Incardine

Connie Seare

Dave Mascarenas

Susan Bauman

RECEIVED DEC 0 8 2005

********	**************************************
LLE: Judy Nordstrom	MEMO WRITTEN: <u>December 5, 2005</u>
Name of Company:	
OLD	NEW NID
Crescendo Energy LLC	Slate River Resources LLC
418 E. Main Street	1600 Broadway
Suite 18	Suite 900
Vernal Utah 84078	Denver CO 80202
********	*****************
****	(940) NAME CHANGE RECOGNIZED
(DATE)	
October 31, 2005	(817) CORPORATE MERGER RECOGNIZED
(DATE)	
*********	*********************
UTSL-071307	
UTU-0369	
UTU-0370A	
UTU-05011A	
UTU-05011B	
UTU-05059A	
UTU-05059C	
UTU-05059F	
UTU-05650	
UTU-05650A	
UTU-06021	
UTU-06023	
UTU-06188	
UTU-06188B	
UTU-025243	
UTU-025245	
UTU-025243A	
UTU-025297	
UTU-0126528	
UTU-0136529	
UTU-0141420	
UTU-9831	
UTU-14234	
UTU-29645	
UTU-60818	

UTU-63022A

CERTIFICATE OF MERGER CRESCENDO ENERGY, LLC into SLATE RIVER RESOURCES, LLC

This CERTIFICATE OF MERGER, dated and effective as of October 31, 2005, has been duly authorized and is filed pursuant to Section 18-209 of the Delaware Limited Liability Company Act (the "Act").

1. The name and jurisdiction of formation or organization of the constituent entities of the merger effectuated hereby are:

> Jurisdiction of Organization Name Slate River Resources, LLC Delaware Crescendo Energy, LLC Delaware

- An Agreement and Plan of Merger (the "Merger Agreement") has been duly authorized, 2. approved and executed by each of the limited liability companies to merge pursuant hereto.
- Slate River Resources, LLC shall be the surviving entity and shall maintain its present 3. name.
- 4. There are no amendments to the certificate of formation of Slate River Resources, LLC resulting from or incidental to the merger.
- The merger effected hereby shall be effective upon the filing of this Certificate of Merger in 5. the office of the Secretary of State of the State of Delaware.
- 6. The Merger Agreement is on file in the principal business office of the surviving entity, Slate River Resources, LLC, which is located at 1600 Broadway, Suite 900, Denver, Colorado 80202.
- The Merger Agreement will be furnished by Slate River Resources, LLC, or its authorized 7. representative, free of cost, to any member of, or any person holding an interest in, any entity to be merged pursuant hereto.

IN WITNESS WHEREOF, Slate River Resources, LLC, the surviving entity, has caused this Certificate of Merger to be executed by an authorized officer as of the date first written above.

SLATE RIVER RESOURCES, LLC

By:

Carter G. Mathies

Chief Executive Officer

SLATE RIVER HOLDINGS, LLC UNANIMOUS WRITTEN CONSENT OF THE BOARD OF DIRECTORS IN LIEU OF A SPECIAL MEETING

The undersigned, being all of the Members of the Board of Directors of Slate River Holdings, LLC, a Delaware limited liability company (the "Company"), hereby adopt, by unanimous written consent, in accordance with the Delaware Limited Liability Company Act, the following resolutions with the same force and effect as if they had been adopted at a duly convened meeting of the Board:

WHEREAS, the Company previously acquired all of the outstanding equity and ownership interests in Crescendo Resources, LLC ("Crescendo Resources"); and

WHEREAS, thereafter, the Company consolidated all of the wholly-owned subsidiaries of Crescendo Resources, namely, Crescendo Energy, LLC ("Crescendo Energy") and Entrada Energy Ventures, LLC ("Entrada") (collectively, Crescendo Resources, Crescendo Energy and Entrada are referred to herein as the ("Crescendo Entities") into Crescendo Energy; and

WHEREAS, the material assets and operations of all of the Crescendo Entities are held by Crescendo Energy; and

WHEREAS, Slate River Resources, LLC ("Slate River Resources"), a wholly-owned subsidiary of the Company, is intended to be the operating entity for all of the Company's business activities; and

WHEREAS, the Company has determined that it is in the Company's best interest to operate all of its business activities as a single entity and therefore to merge Crescendo Energy into Slate River Resources, with Slate River Resources being the surviving entity.

NOW, THEREFORE, BE IT:

RESOLVED, that the Company hereby is authorized to direct its legal counsel to effectuate the merger of the Crescendo Energy into Slate River Resources, with Slate River Resources as the surviving entity, to be effective on October 31, 2005; and be it further

RESOLVED, that the Company, and any Authorized Officer (as defined below) on behalf of the Company, hereby is authorized to undertake and perform all other acts, transactions or agreements that are necessary, appropriate, desirable or contemplated by the foregoing Resolutions; and be it further

RESOLVED, that all of the acts, transactions, or agreements taken in connection with the foregoing Resolutions hereby are ratified and approved in all respects, and the chief executive officer, chief operating officer, chief financial officer, president, vice president and secretary of the Company, as applicable, (collectively, the "Authorized Officers" and each individually, an "Authorized Officer") hereby are severally authorized and directed, in the name and on behalf of the Company to negotiate, execute and deliver such instruments, documents, agreements and writings of every kind and character, together with such changes, modifications, additions and deletions as to any or all of the terms and provisions thereof as the Authorized Officer executing such instruments, documents, agreements and

PAGE 1

The First State

I, HARRIET SMITH WINDSOR, SECRETARY OF STATE OF THE STATE OF DELAWARE, DO HEREBY CERTIFY THE ATTACHED IS A TRUE AND CORRECT COPY OF THE CERTIFICATE OF FORMATION OF "SLATE RIVER RESOURCES, LLC", FILED IN THIS OFFICE ON THE TWENTY-EIGHTH DAY OF JANUARY, A.D. 2005, AT 9:34 O'CLOCK P.M.

202 - 117 - 250 202 - 117 - 250



Darriet Smith Windson

Harriet Smith Windsor, Secretary of State **AUTHENTICATION:** 3651875

DATE: 01-31-05

3919255 8100

050074460

writings shall deem proper (such execution by such Authorized Officer to be conclusive evidence that such Authorized Officer deems all of the terms and provisions thereof to be proper), and to make such attestations to any signatures of officers of the Company, and to do and perform or cause to be done and performed all such other acts as each Authorized Officer shall from time to time deem necessary, advisable or appropriate in order to consummate the acts, transactions, or agreements contemplated by or described in the foregoing Resolutions; and be it further

RESOLVED, that the Authorized Officers hereby are severally authorized to execute on behalf of the Company from time to time, amendments or supplements to any of the documents related to or contemplated by the foregoing Resolutions as the Authorized Officer or Authorized Officers executing and delivering the same may in his, her, or their sole and absolute discretion deem appropriate to carry out the purpose and intent of the foregoing Resolutions (such execution by such Authorized Officer or Authorized Officers to be conclusive evidence that such Authorized Officer or Authorized Officers deems all of the terms and provisions thereof to be proper); and be it further

RESOLVED, that all acts, transactions, or agreements undertaken prior to the adoption of these Resolutions by any of the officers or representatives of the Company in connection with the foregoing matters hereby are ratified, confirmed and adopted by the Board; and be it further

RESOLVED, that any Authorized Officer hereby is authorized and directed to certify these Resolutions; and be it further

RESOLVED, that the Authorized Officers (together with such other officers and employees of the Company under their supervision as any of them shall direct) hereby are severally authorized and directed in the name and on behalf of the Company to do or cause to be done any and all further acts and things that they may from time to time deem necessary, advisable or appropriate to carry out the purpose and intent of the foregoing Resolutions.

[Remainder of Page Intentionally Left Blank]

Division of Oil, Gas and Mining

OPERATOR CHANGE WORKSHEET

ROUTING
1. DJJ
2 CDW

X - Change of Operator (Well Sold)	Operator Name Change/Merger										
The operator of the well(s) listed below has char			5/15/2008								
FROM: (Old Operator):	TO: (New Operator):										
N2725-Slate River Resources, LLC			N3505-Augustus Energy Partners, LLC								
1600 Broadway, Suite 900	~	rand Ave,	•								
Denver, CO 80202				s MT 5901							
			~~~~~		_						
Phone: 1 (303) 592-4448	Phone: 1 (406)	294-5990									
CA No.			Unit:								
WELL NAME	SEC TWN	RNG	API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS				
SEE ATTACHED LIST											
OPERATOR CHANGES DOCUMENT	ATION										
Enter date after each listed item is completed											
1. (R649-8-10) Sundry or legal documentation w	as received f	rom the	FORMER ope	rator on:	5/23/2008						
2. (R649-8-10) Sundry or legal documentation w			=		5/23/2008						
3. The new company was checked on the <b>Depart</b>			<del>-</del>			•	6/4/2008				
4a. Is the new operator registered in the State of			Business Numb		7012268-0161						
4b. If <b>NO</b> , the operator was contacted contacted			-			-					
5a. (R649-9-2)Waste Management Plan has been r			IN PLACE								
5b. Inspections of LA PA state/fee well sites comp			In Process	•							
5c. Reports current for Production/Disposition &			OK	•							
6. Federal and Indian Lease Wells: The Bl		e BIA l	nas approved the	merger, na	me change,						
or operator change for all wells listed on Feder				BLM	not yet	BIA					
7. Federal and Indian Units:					-		-				
The BLM or BIA has approved the successo	r of unit ope	rator fo	r wells listed on:		not yet						
8. Federal and Indian Communization Ag						-					
The BLM or BIA has approved the operator	for all wells	listed v	vithin a CA on:		n/a	_					
9. Underground Injection Control ("UIC	")	The D	ivision has appro	oved UIC F	orm 5, Transfer	of Auth	ority to				
Inject, for the enhanced/secondary recovery u	nit/project fo	r the w	ater disposal wel	l(s) listed o	on:	n/a	_				
DATA ENTRY:											
1. Changes entered in the Oil and Gas Database	e on:		5/29/2008								
2. Changes have been entered on the Monthly O	perator Cha	ange Sp	read Sheet on:		5/29/2008	_					
3. Bond information entered in RBDMS on:			5/29/2008								
4. Fee/State wells attached to bond in RBDMS o			5/29/2008	-							
5. Injection Projects to new operator in RBDMS			n/a								
6. Receipt of Acceptance of Drilling Procedures	for APD/Ne	w on:									
BOND VERIFICATION:											
1. Federal well(s) covered by Bond Number:			UTB00317	•							
2. Indian well(s) covered by Bond Number:			n/a	•							
3a. (R649-3-1) The <b>NEW</b> operator of any fee we					RLB0011628	_					
3b. The <b>FORMER</b> operator has requested a relea	se of liability	from t	heir bond on:	not yet	_						
The Division sent response by letter on:	~ . ==			-							
LEASE INTEREST OWNER NOTIFIC			1 1	1 0	do Dili						
4. (R649-2-10) The NEW operator of the fee well				y a letter fr n/a	om the Division						
of their responsibility to notify all interest own											

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES 5. LEASE DESIGNATION AND SERIAL NUMBER: DIVISION OF OIL. GAS AND MINING See Attached list 6. IF INDIAN, ALLOTTEE OR TRIBE NAME: SUNDRY NOTICES AND REPORTS ON WELLS 7 LINIT or CA AGREEMENT NAME: Do not use this form for propos drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals 1. TYPE OF WELL 8. WELL NAME and NUMBER: OIL WELL GAS WELL 7 OTHER 9. API NUMBER: 2 NAME OF OPERATOR N 3505 Augustus Energy Partners, LLC PHONE NUMBER: 10. FIELD AND POOL, OR WILDCAT: 3. ADDRESS OF OPERATOR: _{ZIP} 59012 STATE MT (406) 294-5990 2016 Grand Avenue. Ste A Billings 4. LOCATION OF WELL COUNTY: FOOTAGES AT SURFACE: STATE: QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: **UTAH** CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA TYPE OF ACTION TYPE OF SUBMISSION REPERFORATE CURRENT FORMATION DEEPEN **AÇIDIZE** NOTICE OF INTENT SIDETRACK TO REPAIR WELL ALTER CASING FRACTURE TREAT (Submit in Duplicate) TEMPORARILY ABANDON **NEW CONSTRUCTION** Approximate date work will start: CASING REPAIR OPERATOR CHANGE TUBING REPAIR CHANGE TO PREVIOUS PLANS PLUG AND ABANDON VENT OR FLARE CHANGE TUBING WATER DISPOSAL SUBSEQUENT REPORT PLUG BACK CHANGE WELL NAME (Submit Original Form Only) WATER SHUT-OFF PRODUCTION (START/RESUME) CHANGE WELL STATUS Date of work completion: OTHER: Change of Operator COMMINGLE PRODUCING FORMATIONS RECLAMATION OF WELL SITE CONVERT WELL TYPE RECOMPLETE - DIFFERENT FORMATION DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. Effective 12:01 a.m. May 15, 2008 the Operator of this well will change from: Slate River Resources, LLC N2725 1600 Broadway, Suite 900 Denver, CO 80202 303-592-4448 TO: Augustus Energy Partners, LLC 2016 Grand Avenue, Suite A Billings, MT 59102 STATE BOND = RLB 00/1638 BLM Bond # UTB00317 effective 5/13/08 Seller: Slate River Resources LLC Gary D. Davis, President/CEO Signature President Steven D. Durrett TITLE NAME (PLEASE PRINT)

(This space for State use only)

SIGNATURI

(5/2000)

APPROVED 5/39/08 Carlene Russell

(See Instructions on Reverse Side)

5/15/2008

DATE

RECEIVED MAY 2 3 2608

ADIMAH Mambar	Well Name	Qtr/Qtr	Section	Township-Range
API Well Number	well Name	Qu/Qu	Section	Township-Range
43.019-11089	FEDERAL GILBERT 1	SWNE	11	16S-25E
43-019-11090	SAN ARROYO U 35	SESW	24	16S-25E
43-019-15884	FEDERAL 174 1	SESW	11	16S-25E
43-019-15885	SAN ARROYO 2	SENW	22	16S-25E
43-019-15886	SAN ARROYO 3	SENW	23	16S-25E
43-019-15887	SAN ARROYO 4	SESW	30	16S-26E
43-019-15888	SAN ARROYO 5	NWSE	25	16S-25E
43-019-15889	SAN ARROYO 6	SWNE	21	16S-25E
43-019-15890	SAN ARROYO 8	swsw	16	16S-25E
43-019-15891	SAN ARROYO 9	NWNE	27	16S-25E
43-019-15892	SAN ARROYO 11	NESW	15	16S-25E
43-019-15893	SAN ARROYO 12	swsw	23	16S-25E
43-019-15894	SAN ARROYO 13	C-SW	22	16S-25E
43-019-15896	SAN ARROYO 16	SESW	26	16S-25E
	ISAN ARROYO 17	NENE	24	16S-25E
43-019-15897	ISAN ARROYO 18	NWNW	30	16S-26E
43-019-15898		SWSE	14	16S-25E
43-019-15899	SAN ARROYO 19	SENE	26	16S-25E
43-019-15900	SAN ARROYO 20	NWSE	25	16S-25E
43-019-15901	SAN ARROYO 21	NENE	15	16S-25E
43-019-15902	SAN ARROYO 22		19	16S-26E
43-019-15903	SAN ARROYO 24	SENW	21	16S-25E
<u>43-019-15904</u>	SAN ARROYO 25	SWNE	20	16S-26E
<u>43-019-15905</u>	SAN ARROYO 26	SWSW		16S-26E
<u>43-019-15906</u>	SAN ARROYO 27	NESW	29	16S-26E
<u>43-019-15907</u>	SAN ARROYO 28	NWNE	29	16S-25E
<u>43-019-15908</u>	SAN ARROYO 29	NENE	22	16S-26E
<u>43-019-15909</u>	SAN ARROYO 30	NWSW	21	
<u>43-019-16532</u>	SAN ARROYO 1	SENW	26	16S-25E
<u>43-019-30047</u>	BITTER CREEK 1	SWSE	2	16S-25E
<u>43-019-30240</u>	ARCO-STATE 2-1	NESE	2	16S-24E
43-019-30241	ARCO-STATE 2-2	NWNW	2	16S-24E
<u>43-019-30527</u>	SAN ARROYO 31	NWNW	22	16S-25E
43-019-30528	SAN ARROYO 32	SWSW	14	16S-25E
43-019-30570	ARCO 27-1	NWSW	27	16S-25E
43-019-30608	SAN ARROYO 33	SWSW	25	16S-25E
43-019-31162	ARCO STATE 36-7	SWSE	36	15.5S-24E
43-019-31192	ARCO STATE 36-8	SWSW	36	15.5S-24E
43-019-31250	SAN ARROYO U 40	NWNE	27	16S-25E
43-019-31251	SAN ARROYO U 36-A	SESE	19	16S-26E
43-019-31252	, SAN ARROYO U 37	SWNE	20	16S-26E
43-019-31253	SAN ARROYO U 38	SWNE	16	16S-25E
43-019-31289	SAN ARROYO U 41	NENE	36	16S-25E
43-019-31290	SAN ARROYO U 42	NESE	30	16S-26E
43-019-31291	SAN ARROYO U 43	NESE	29	16S-26E
43-019-31299	SAN ARROYO 45	NWSE	20	16S-26E
43-019-31301	SAN ARROYO 44.	SENE	30	16S-26E
43-019-31316	SAN ARROYO 49	NENW	29	16S-26E
43-019-31318	FEDERAL 47	NWNE	31	16S-26E
43-047-30765	BLACK HORSE CANYON FED 31-1	NWSW	31	15S-24E

RECEIVED

MAY 2 3 2008

DIV. OF OIL, GAS & MINING

# Division of Oil, Gas and Mining OPERATOR CHANGE WORKSHEET (for state use only)

**COMMENTS:** 

<b>ROUTING</b>
CDW

X - Change of Operator (Well Sold)			Operator Name Change/Merger									
The operator of the well(s) listed below has changed, effective:					TO: (New Operator): N4035-Southwestern Energy Ventures Company, LLC PO Box 1056 Bayfield, CO 81122							
FROM: (Old Operator): N3505-Augustus Energy Partners, LLC 2016 Garnd Ave, Suite A Billings, MT 59102												
Phone: 1 (406) 294-5990					Phone: 1 (970)	) 884-4869						
	CA No.				Unit:	San Arro	yo .	<del></del>				
WELL NAME		SEC RNG	TWI	N	API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS			
See Attached List												
OPERATOR CHANGES DOCULE Enter date after each listed item is completed. (R649-8-10) Sundry or legal documents. (R649-8-10) Sundry or legal documents. The new company was checked on the	<b>pleted</b> ntation was	s rece	eived eived	from th	e <b>NEW</b> operato	or on:	11/22/2013 11/22/2013	-	11/07/000			
<ul><li>3. The new company was checked on the</li><li>4a. Is the new operator registered in the</li></ul>			01 C0	mmerc	Business Num		s Database on: 8812939-0161		11/27/2013			
5a. (R649-9-2) Waste Management Plan ha			d on:		N/A	oci.	8812939-0101	<del>-</del>				
	sition & Su	undri	es on:		N/A 11/27/2013 has approved th	– – – e merger, na	ıme change,					
5c. Reports current for Production/Disposition & Sundries on:		leases	on:	BLM	Not Yet	BIA	N/A					
7. Federal and Indian Units:							_		_			
The BLM or BIA has approved the	successor	of un	it ope	erator fo	or wells listed or	n:	Not Yet	_				
8. Federal and Indian Communiza	_			•	•		N/A					
The BLM or BIA has approved the							Not Yet	_				
9. Underground Injection Control								ty to				
<b>Inject</b> , for the enhanced/secondary red <b>DATA ENTRY</b> :	covery uni	t/pro	ject fo	or the w	ater disposal we	ell(s) listed o	on:	N/A	-			
1. Changes entered in the Oil and Gas D					12/1/2013	_	,					
2. Changes have been entered on the Mo		erato	r Ch	ange S _l		:	12/1/2013	_				
<ol> <li>Bond information entered in RBDMS</li> <li>Fee/State wells attached to bond in RE</li> </ol>					12/1/2013	-						
<ul><li>Fee/State wens attached to bond in Ref.</li><li>Injection Projects to new operator in F.</li></ul>					12/1/2013 N/A	-						
6. Receipt of Acceptance of Drilling Pro-			D/Ne	w on:	11//A	-	N/A					
7. Surface Agreement Sundry from NEW					ells received on:	:	N/A	•				
BOND VERIFICATION:								•				
1. Federal well(s) covered by Bond Num	ber:				RLB0015347	_						
2. Indian well(s) covered by Bond Numb					N/A	-						
3a. (R649-3-1) The <b>NEW</b> operator of an						lumber	RLB0015348	_				
3b. The <b>FORMER</b> operator has requested	d a release	of li	ability	from t	heir bond on:	11/22/2013						
LEASE INTEREST OWNER NO	TIFICA	TIC	N:					•				
4. (R649-2-10) The <b>NEW</b> operator of the	fee wells l	has b	een co	ontacted	l and informed l	by a letter fr	om the Division					
of their responsibility to notify all inter	est owners	of tl	nis ch	ange on	<b>:</b>	N/A						

# Augustus Energy Partners, LLC (N3505) to Southwestern Energy Ventures Company, LLC (N4035) Effective 11/11/2013 San Arroyo Unit

Well Name			RNG API Number	Entity			Well Status
SAN ARROYO U 35	24	160S	250E 4301911090		Federal	GW	P
SAN ARROYO 2	22	160S	250E 4301915885		Federal	GW	S
SAN ARROYO 3	23	160S	250E 4301915886		Federal	GW	P
SAN ARROYO 4	30	160S	260E 4301915887	500	Federal	GW	P
SAN ARROYO 5	25	160S	250E 4301915888	505	Federal	GW	S
SAN ARROYO 6	21	160S	250E 4301915889	505	Federal	GW	S
SAN ARROYO 8	16	160S	250E 4301915890	500	Federal	GW	P
SAN ARROYO 9	27	160S	250E 4301915891	500	Federal	GW	P
SAN ARROYO 11	15	160S	250E 4301915892	500	Federal	GW	S
SAN ARROYO 12	23	160S	250E 4301915893	500	Federal	GW	P
SAN ARROYO 13	22	160S	250E 4301915894	500	Federal	GW	P
SAN ARROYO 16	26	160S	250E 4301915896	500	Federal	GW	P
SAN ARROYO 17	24	160S	250E 4301915897	500	Federal	GW	P
SAN ARROYO 18	30	160S	260E 4301915898	500	Federal	GW	P
SAN ARROYO 19	14	160S	250E 4301915899		Federal	GW	P
SAN ARROYO 20	26	160S		500	Federal	GW	P
SAN ARROYO 21	25	160S	250E 4301915901	500	Federal	GW	P
SAN ARROYO 22	15	160S	250E 4301915902		Federal	GW	P
SAN ARROYO 24	19	160S	260E 4301915903		Federal	GW	P
SAN ARROYO 25	21	160S	250E 4301915904		Federal	GW	P
SAN ARROYO 26	20	160S	260E 4301915905		Federal	GW	P
SAN ARROYO 27	29	160S	260E 4301915906		Federal	GW	P
SAN ARROYO 28	29	160S	260E 4301915907		Federal	GW	P
SAN ARROYO 29	22	160S		500	Federal	GW	P
SAN ARROYO 30	21	160S	260E 4301915909		Federal	GW	P
SAN ARROYO 1	26		250E 4301916532		Federal	GW	S
SAN ARROYO 31	22			500	Federal	GW	S
SAN ARROYO 32	14			500	Federal	GW	S
SAN ARROYO 33	25			500	Federal	GW	P
SAN ARROYO U 36-A	19		260E 4301931251	500	Federal	GW	P
SAN ARROYO U 37	20			500	Federal	GW	P
SAN ARROYO U 38	16			500	State	GW	P
SAN ARROYO U 41	36		250E 4301931289		State	GW	P
SAN ARROYO U 42	30				Federal	GW	P
SAN ARROYO U 43	29		260E 4301931291		Federal	GW	S
SAN ARROYO 45	20				Federal	GW	P
SAN ARROYO 44	30				Federal	GW	S
SAN ARROYO 49	29				Federal		P
FEDERAL 47	31						P
SAN ARROYO 1625-220	22			505			S
2111111110 I O 1023 220		1000	2300 7301731300	505	i cuci ai	O W	O .

#### BEATTY & WOZNIAK, P.C.

#### ATTORNEYS AT LAW

216 SIXTEENTH STREET, SUITE 1100 DENVER, COLORADO 80202-5115 TELEPHONE (303) 407-4499 FACSIMILE (303) 407-4494 www.bwenergylaw.com CASPER

CHEYENNE

DENVER

SALT LAKE CITY

Santa Fe

#### JENNIFER STOLDT

PHONE: (303) 407-4499

E-MAIL: JSTOLDT@BWENERGYLAW.COM

November 21, 2013

# VIA FEDERAL EXPRESS

Utah Division of Oil, Gas and Mining Attn: Rachel Medina 1594 West North Temple, Suite 1210 Salt Lake City, UT 84116 RECEIVED

DIV. OF OIL, GAS & MINING

Re:

Sundry Notices and Reports on Wells – Change of Operator (Form 9)

Our File No.: 9517.0001

Dear Ms. Madina:

Enclosed for notice and filing please find an original and three (3) copies of the Sundry Notices and Reports on Wells, list of wells, and copies of BLM Bond No. RLB0015347 and Utah State Bond No. RLB0015348.

If you have any questions regarding the enclosed documents, please call me directly at 303-407-4459. Thank you for your assistance in this matter.

Very truly yours,

BEATTY & WOZNIAK, P.C.

Jennifer Stoldt

Enclosures 00292177.DOCX

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES

	l l	5. LEASE DESIGNATION AND SERIAL NUMBER: See Attached List				
SUNDRY	NOTICES AND REPORTS	S ON WEL	LS	6. IF IN	DIAN, ALLOTTEE OR TRIBE NAME:	
					or CA AGREEMENT NAME:	
drill horizontal la	new wells, significantly deepen existing wells below cur aterals. Use APPLICATION FOR PERMIT TO DRILL f	form for such propose	lls.		Attached List  L NAME and NUMBER:	
OIL WELL	GAS WELL 🗸 OTHER_				Attached List	
2. NAME OF OPERATOR: Augustus Energy Partners	s, LLC N 2505				NUMBER: Attach	
3. ADDRESS OF OPERATOR:	y Billings STATE MT ZIP	59102	PHONE NUMBER: (406) 294-5990		LD AND POOL, OR WILDCAT:  Attached List	
4. LOCATION OF WELL	Y STATE VIT ZIP		(100) 20 / 0000	1		
FOOTAGES AT SURFACE:				COUNT	y: See Attached List	
QTR/QTR, SECTION, TOWNSHIP, RAN	IGE, MERIDIAN:			STATE:	UTAH	
11. CHECK APPI	ROPRIATE BOXES TO INDICAT	TE NATURE	OF NOTICE, REPO	ORT, O	R OTHER DATA	
TYPE OF SUBMISSION		Т	YPE OF ACTION			
NOTICE OF INTENT	ACIDIZE	DEEPEN			REPERFORATE CURRENT FORMATION	
(Submit in Duplicate)	ALTER CASING	FRACTURE			SIDETRACK TO REPAIR WELL	
Approximate date work will start:	CASING REPAIR	<u> </u>	TRUCTION	닐	TEMPORARILY ABANDON	
	CHANGE TO PREVIOUS PLANS	OPERATOR			TUBING REPAIR	
CURSCOUTAT REPORT	CHANGE TUBING	PLUG AND			VENT OR FLARE WATER DISPOSAL	
SUBSEQUENT REPORT (Submit Original Form Only)	CHANGE WELL NAME	PLUG BACI	` ON (START/RESUME)		WATER SHUT-OFF	
Date of work completion:	CHANGE WELL STATUS  COMMINGLE PRODUCING FORMATIONS	<u> </u>	ON OF WELL SITE		отнея: Change of Operator	
	CONVERT WELL TYPE	 	TE - DIFFERENT FORMATION	1	Effective 11/11/13	
12. DESCRIBE PROPOSED OR CO	OMPLETED OPERATIONS. Clearly show all p	pertinent details in	cluding dates, depths, volu	mes, etc.		
Southwestern Energy Ver Attn: Ezra Lee P. O. Box 1056 Bayfield, CO 81122 970-884-4869 ezra@crossfire-llc.com	ntures Company, LLC will become	e operator of	the wells per the a	ttached	list effective 11/11/2013.	
Bond Coverage for operative form of a \$ 120, 0	tions conducted on these wells is <u>の</u> の_statewide Bond.	being provid	led by Southwester	n Energ	y Ventures Company, LLC in	
Utah State bond number_	<u> </u>	er (Letter of c	redit)			
BLM Bond Number <u>LLD</u>	0015347					
NAME (PLEASE PRINT)	Erralec	TITLE _	manager		·····	
SIGNATURE		DAT	E <u>//-/9-/3</u>			
NAME (PLEASE PRINT) Duane Zir	nmerman	TITI	VP Operations			
1	Zimmeuman		e 11/11	113		
	()				N3565	
(This space for Street PROV			OU40			

DEC 0 1 2013

OUT OIL GAS & MINING

BY: Pach & Molting

Ci PAA Federal Well (See Instructions on Reverse Side)

Current Operator	API Well Number	Well Name	Lease# L	Jnit# C	A# E	ntity# (	Qtr/Qtr		Twnshp-Rng
1 AUGUSTUS ENERGY PARTNERS LLC		SAN ARROYO U 35	891003589A L	JTU63022X		500	SESW	24	16S-25E
2 AUGUSTUS ENERGY PARTNERS LLC	43-019-15885-00-00		891003598B L	JTU63022X		505	SENW	22	16S-25E
3 AUGUSTUS ENERGY PARTNERS LLC	43-019-15886-00-00	SAN ARROYO 3	891003589A U	JTU63022X		500	SENW	23	16S-25E
4 AUGUSTUS ENERGY PARTNERS LLC	43-019-15887-00-00	SAN ARROYO 4	891003589A U	JTU63022X		500	SESW	30	16S-26E
5 AUGUSTUS ENERGY PARTNERS LLC	43-019-15888-00-00	SAN ARROYO 5	891003598B U	JTU63022X		505	NWSE	25	16S-25E
6 AUGUSTUS ENERGY PARTNERS LLC	43-019-15889-00-00	SAN ARROYO 6	891003598B	JTU63022X		505	SWNE	21	16S-25E
7 AUGUSTUS ENERGY PARTNERS LLC	43-019-15890-00-00	SAN ARROYO 8	891003589A U	JTU63022X		500	SWSW		16S-25E
8 AUGUSTUS ENERGY PARTNERS LLC	43-019-15891-00-00	SAN ARROYO 9	891003589A l	JTU63022X		500	NWNE		16S-25E
9 AUGUSTUS ENERGY PARTNERS LLC	43-019-15892-00-00	SAN ARROYO 11	891003589A U	JTU63022X		500	NESW		16S-25E
10 AUGUSTUS ENERGY PARTNERS LLC	43-019-15893-00-00	SAN ARROYO 12	891003589A	UTU63022X			SWSW		16S-25E
11 AUGUSTUS ENERGY PARTNERS LLC	43-019-15894-00-00	SAN ARROYO 13	891003589A l	UTU63022X			C-SW		16S-25E
12 AUGUSTUS ENERGY PARTNERS LLC	43-019-15896-00-00	15AN / NINO 10 20	891003589A				SESW		16S-25E
13 AUGUSTUS ENERGY PARTNERS LLC	43-019-15897-00-00		891003589A				NENE		16S-25E
14 AUGUSTUS ENERGY PARTNERS LLC	43-019-15898-00-00	51 (17) (1110 10 = 1	891003589A				NWNW		16S-26E
15 AUGUSTUS ENERGY PARTNERS LLC	43-019-15899-00-00	15/111/13/11015	891003589A				SWSE		16S-25E
16 AUGUSTUS ENERGY PARTNERS LLC	43-019-15900-00-00	0, 11.7.17.17.17.1	891003589A				SENE		16S-25E
17 AUGUSTUS ENERGY PARTNERS LLC	43-019-15901-00-00	5, (11, 11, 11, 12, 12, 12, 12, 12, 12, 12,	891003589A				NWSE		16S-25E
18 AUGUSTUS ENERGY PARTNERS LLC	43-019-15902-00-00	57 (147 (1416) - 0 ==	891003589A				NENE		16S-25E 16S-26E
19 AUGUSTUS ENERGY PARTNERS LLC	43-019-15903-00-00	57 (147 (11.10 ) 0 = 1	891003589A				SENW		16S-25E
20 AUGUSTUS ENERGY PARTNERS LLC	43-019-15904-00-00	SAN ARROYO 25	891003589A				SWNE		
21 AUGUSTUS ENERGY PARTNERS LLC	43-019-15905-00-00	SAN ARROYO 26	891003589A				SWSW		16S-26E
22 AUGUSTUS ENERGY PARTNERS LLC	43-019-15906-00-00	SAN ARROYO 27	891003589A				NESW		16S-26E
23 AUGUSTUS ENERGY PARTNERS LLC	43-019-15907-00-00	SAN ARROYO 28	891003589A				NWNE		16S-26E
24 AUGUSTUS ENERGY PARTNERS LLC	43-019-15908-00-00	SAN ARROYO 29	891003589A				NENE		16S-25E
25 AUGUSTUS ENERGY PARTNERS LLC	43-019-15909-00-00	SAN ARROYO 30	891003589A				NWSW		16S-26E
26 AUGUSTUS ENERGY PARTNERS LLC	43-019-16532-00-00	SAN ARROYO 1	891003598B				SENW		16S-25E 16S-25E
27 AUGUSTUS ENERGY PARTNERS LLC	43-019-30527-00-00	SAN ARROYO 31	891003589A				NWNW		16S-25E
28 AUGUSTUS ENERGY PARTNERS LLC	43-019-30528-00-00	SAN ARROYO 32	891003589A				SWSW		16S-25E
29 AUGUSTUS ENERGY PARTNERS LLC	43-019-30608-00-00	SAN ARROYO 33	891003589A				SWSW		<del> </del>
30 AUGUSTUS ENERGY PARTNERS LLC	43-019-31251-00-00	SAN ARROYO U 36-A	891003589A				SESE		16S-26E 16S-26E
31 AUGUSTUS ENERGY PARTNERS LLC	43-019-31252-00-00	SAN ARROYO U 37	891003589A				SWNE		16S-25E
32 AUGUSTUS ENERGY PARTNERS LLC	43-019-31253-00-00	SAN ARROYO U 38	891003589A				SWNE		16S-25E
33 AUGUSTUS ENERGY PARTNERS LLC	43-019-31289-00-00	SAN ARROYO U 41	891003589A				NENE		16S-26E
34 AUGUSTUS ENERGY PARTNERS LLC	43-019-31290-00-00	SAN ARROYO U 42	891003589A				NESE		16S-26E
35 AUGUSTUS ENERGY PARTNERS LLC	43-019-31291-00-00	SAN ARROYO U 43	891003589A				NESE		16S-26E
36 AUGUSTUS ENERGY PARTNERS LLC	43-019-31299-00-00	SAN ARROYO 45	891003589A				NWSE		
37 AUGUSTUS ENERGY PARTNERS LLC	43-019-31301-00-00	SAN ARROYO 44	891003589A				SENE		16S-26E
38 AUGUSTUS ENERGY PARTNERS LLC	43-019-31316-00-00	SAN ARROYO 49	891003589A				NENW		16S-26E 2 16S-25E
39 AUGUSTUS ENERGY PARTNERS LLC	43-019-31580-00-00	SAN ARROYO 1625-220		UTU63022X			SWSE		
40 AUGUSTUS ENERGY PARTNERS LLC	43-019-31250-00-00	SAN ARROYO U 40		UTU63022X	ļ		NWNE		7 16S-25E 1 16S-26E
41 AUGUSTUS ENERGY PARTNERS LLC	43-019-31318-00-00	FEDERAL 47	891003589A	UTU63022X			NWNE		
44 AUGUSTUS ENERGY PARTNERS LLC	43-019-15884-00-00	FEDERAL 174 1	UTU126528	i	NW115		SESW		1 16S-25E
42 AUGUSTUS ENERGY PARTNERS LLC	43-047-30765-00-00	BLACK HORSE CANYON FED 31-1	UTU14234				NWSW		1 15S-24E
43 AUGUSTUS ENERGY PARTNERS LLC	43-019-11089-00-00	FEDERAL GILBERT 1	UTU0125628	3		8341	LSWNE	1	1 16S-25E
TO NO GOOT GO ELIZAGI T. ALLICE LEO									

									, ,
Current Operator	API Well Number	Well Name	Lease #	Unit#	CA#	Entity #	Qtr/Qtr	Sec	Twnshp-Rng
45 AUGUSTUS ENERGY PARTNERS LLC	43-019-30570-00-00	ARCO 27-1	UTU29645			11595	NWSW	27	16S-25E
46 AUGUSTUS ENERGY PARTNERS LLC	43-019-30047-00-00	BITTER CREEK 1				515	SWSE	2	16S-25E
47 AUGUSTUS ENERGY PARTNERS LLC	43-019-30240-00-00	ARCO-STATE 2-1				520	NESE	2	16S-24E
48 AUGUSTUS ENERGY PARTNERS LLC	43-019-30241-00-00	ARCO-STATE 2-2				. 520	NWNW	2	16S-24E
49 AUGUSTUS ENERGY PARTNERS LLC	43-019-31162-00-00	ARCO STATE 36-7				9710	SWSE	36	15.5S-24E
50 AUGUSTUS ENERGY PARTNERS LLC	43-019-31192-00-00	ARCO STATE 36-8				9710	SWSW	36	15.5S-24E

Division of Oil, Gas and Mining

Operator Change/Name Change Worksheet-for State use only

Effective Date:

11/1/2014

FORMER OPERATOR:	NEW OPERATOR:
Southwestern Energy Ventures Company, LLC N4035	SWEVCO-SABW, LLC N4155
2154 W Eisenhower Blvd	2154 W Eisenhower Blvd
Loveland, CO 80537	Loveland, CO 80537
970-669-7411	970-669-7411
CA Number(s):	San Arroyo

#### WELL INFORMATION:

Well Name	Sec	TWN	RNG	API	Entity	Mineral	Surface	Туре	Status
See Attached List				_			-		

#### **OPERATOR CHANGES DOCUMENTATION:**

1. Sundry or legal documentation was received from the **FORMER** operator on: 10/21/2014 10/21/2014

2. Sundry or legal documentation was received from the **NEW** operator on:

3. New operator Division of Corporations Business Number: 8820416-0161

#### **REVIEW:**

N/A 1. Surface Agreement Sundry from **NEW** operator on Fee Surface wells received on:

2. Receipt of Acceptance of Drilling Procedures for APD/New on: N/A

10/27/2014 3. Reports current for Production/Disposition & Sundries:

10/27/2014 4. OPS/SI/TA well(s) reviewed for full cost bonding:

5. UIC5 on all disposal/injection/storage well(s) approved on: N/A

6. Surface Facility(s) included in operator change: None

7. Inspections of PA state/fee well sites complete on (only upon operators request):

#### **NEW OPERATOR BOND VERIFICATION:**

1. Federal well(s) covered by Bond Number: RLB0015753 2. Indian well(s) covered by Bond Number: RLB0015753 3.State/fee well(s) covered by Bond Number(s): RLB0015799

#### **DATA ENTRY:**

11/3/2014 1. Well(s) update in the **OGIS** on: 2. Entity Number(s) updated in **OGIS** on: 11/3/2014 11/3/2014 3. Unit(s) operator number update in **OGIS** on:

N/A 4. Surface Facilities update in OGIS on:

5. State/Fee well(s) attached to bond(s) in **RBDMS** on: 11/3/2014

6. Surface Facilities update in RBDMS on: N/A

#### LEASE INTEREST OWNER NOTIFICATION:

1. The NEW operator of the Fee (Mineral) wells has been contacted and informed by a letter from the Division 11/3/2014

of their responsibility to notify all interest owners of this change on:

#### **COMMENTS:**

# Southwestern Energy Ventures Company, LLC to SWEVCO-SABW, LLC Effective November 1, 2014

Well Name	Sec	TWN	RNG	API Number	Entity	Mineral	Surface	Tpye	Status	Linit
ARCO 27-1	27	160S	250E	4301930570	11595	Federal	Federal		P	† Oliit
BLACK HORSE CANYON FED 31-1	31	150S	240E	4301930370	8345	Federal	Federal		P	
FEDERAL 174 1	11	160S	250E	4304730703	8340	Federal	Federal		P	
		160S	250E	<del></del>	8341	Federal	Federal	GW	P	
FEDERAL GILBERT 1	11	155S	240E	4301911089	9710	+	State	GW	P	·
ARCO STATE 36-7	36	+	- 1 may 1 mm	4301931162		State	<del></del>	GW	+	<u> </u>
ARCO-STATE 2-1	2	160S	240E	4301930240	520	State	State	+	P	
ARCO-STATE 2-2	2	160S	240E	4301930241	520	State	State	GW	P P	
BITTER CREEK 1	2	160S	250E	4301930047	515	State	State	GW	<del></del>	<u>.</u>
BAR X UNIT 11	18	170S	260E	4301930592	19413	Federal	Federal	GW	S	i
BAR X UNIT 25	12	170S	250E	4301931371	19414	Federal	Federal	+	S	
BAR X UNIT 4	18	170S	260E	4301915023	19412	Federal	Federal	+	S	
ARCO STATE 36-8	36	155S	240E	4301931192	9710	State	State	GW	S	CANABROYO
FEDERAL 47	31	160S	260E	4301931318	500	Federal	Federal	-+	P	SAN ARROYO
SAN ARROYO 12	23	160S	250E	4301915893	500	Federal	Federal	+	P	SAN ARROYO
SAN ARROYO 13	22	160S	250E	4301915894	500	Federal	Federal		P	SAN ARROYO
SAN ARROYO 16	26	160S	250E	4301915896	500	Federal	Federal		P	SAN ARROYO
SAN ARROYO 17	24	160S	250E	4301915897	500	Federal	Federal		P	SAN ARROYO
SAN ARROYO 18	30	160S	260E	4301915898	500	Federal	Federal		P	SAN ARROYO
SAN ARROYO 19	14	160S	250E	4301915899	500	Federal	Federal		P	SAN ARROYO
SAN ARROYO 20	26	160S	250E	4301915900	500	Federal	Federal		P	SAN ARROYO
SAN ARROYO 21	25	160S	250E	4301915901	500	Federal	Federal	+	P	SAN ARROYO
SAN ARROYO 22	15	160S	250E	4301915902	500	Federal	Federal	GW	P	SAN ARROYO
SAN ARROYO 24	19	160S	260E	4301915903	500	Federal	Federal	GW	P	SAN ARROYO
SAN ARROYO 25	21	160S	250E	4301915904	500	Federal	Federal	GW	P	SAN ARROYO
SAN ARROYO 26	20	160S	260E	4301915905	500	Federal	Federal	GW	P	SAN ARROYO
SAN ARROYO 27	29	160S	260E	4301915906	500	Federal	Federal		P	SAN ARROYO
SAN ARROYO 28	29	160S	260E	4301915907	500	Federal	Federal		P	SAN ARROYO
SAN ARROYO 3	23	160S	250E	4301915886	500	Federal	Federal		P	SAN ARROYO
SAN ARROYO 30	21	160S	260E	4301915909	500	Federal	Federal	-	P	SAN ARROYO
SAN ARROYO 33	25	160S		4301930608	500	Federal	Federal		P	SAN ARROYO
SAN ARROYO 4	30	160S	260E	4301915887	500	Federal	Federal	GW	P	SAN ARROYO
SAN ARROYO 44	30	160S	260E	4301931301	500	Federal	Federal	GW	P	SAN ARROYO
SAN ARROYO 45	20	160S	260E	4301931299	500	Federal	Federal	GW	P	SAN ARROYO
SAN ARROYO 49	29	160S	260E	4301931316	500	Federal	Federal	GW	P	SAN ARROYO
SAN ARROYO 9	27	160S	250E	4301915891	500	Federal	Federal	GW	P	SAN ARROYO
SAN ARROYO U 35	24	160S	250E	4301911090	500	Federal	Federal	GW	P	SAN ARROYO
SAN ARROYO U 36-A	19	160S	260E	4301931251	500	Federal	Federal	GW	P	SAN ARROYO
SAN ARROYO U 37	20	160S	260E	4301931252	500	Federal	Federal	GW	P	SAN ARROYO
SAN ARROYO U 42	30	160S	260E	4301931290	500	Federal	Federal	GW	P	SAN ARROYO
SAN ARROYO U 43	29	160S	260E	4301931291	500	Federal	Federal	GW	P	SAN ARROYO
SAN ARROYO 8	16	160S	250E	4301915890	500	Federal	State	GW	P	SAN ARROYO
SAN ARROYO U 38	16	160S	250E	4301931253	500	State	State	GW	P	SAN ARROYO
SAN ARROYO U 41	36	160S	250E	4301931289	500	State	Fee	GW	P	SAN ARROYO
SAN ARROYO 1	26	160S	250E	4301916532	505	Federal	Federal	GW	S	SAN ARROYO
SAN ARROYO 11	15	160S	250E	4301915892	500	Federal	Federal	GW	S	SAN ARROYO
SAN ARROYO 1625-220	22	160S	250E	4301931580	505	Federal	Federal	GW	S	SAN ARROYO
SAN ARROYO 2	22	160S		4301915885	505	Federal	Federal		S	SAN ARROYO
SAN ARROYO 29	22	160S		4301915908	500	Federal	Federal		S	SAN ARROYO
SAN ARROYO 31	22	160S		4301930527	500	Federal	Federal		S	SAN ARROYO
SAN ARROYO 32	14	160S	250E	4301930528	500	Federal	Federal		S	SAN ARROYO
SAN ARROYO 5	25	160S		4301915888	505	Federal	Federal		S	SAN ARROYO
SAN ARROYO 6	21	160S		4301915889	505	Federal	Federal	+	S	SAN ARROYO

		STATE OF UTAH	FORM 9
		DIVISION OF OIL, GAS AND MINING	5. LEASE DESIGNATION AND SERIAL NUMBER: See Attached
	SUNDR	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:	
Do	not use this form for proposals to drill I drill horizontal !	d wells, or to  7. UNIT OF CA AGREEMENT NAME:  See Attached	
1. T	YPE OF WELL OIL WELL	8. WELL NAME and NUMBER:  See Attached	
sc		RGY VENTURES COMPANY, LLC Operator #N4035	9. API NUMBER: Attached
215		Y Loveland STATE CO ZIP 80537 PHONE NUMBI (970) 669	
F	OCATION OF WELL  OOTAGES AT SURFACE: See A  TR/QTR, SECTION, TOWNSHIP, RAP		COUNTY: See Attached  STATE:  UTAH
11.	CHECK APP	ROPRIATE BOXES TO INDICATE NATURE OF NOTIC	
	TYPE OF SUBMISSION	TYPE OF ACT	ION
	NOTICE OF INTENT (Submit in Duplicate)	ACIDIZE DEEPEN ALTER CASING FRACTURE TREAT	REPERFORATE CURRENT FORMATION SIDETRACK TO REPAIR WELL
	Approximate date work will start:	CASING REPAIR NEW CONSTRUCTION	TEMPORARILY ABANDON
		CHANGE TO PREVIOUS PLANS  OPERATOR CHANGE	TUBING REPAIR
	SUBSEQUENT REPORT (Submit Original Form Only)	CHANGE TUBING PLUG AND ABANDON  CHANGE WELL NAME PLUG BACK	VENT OR FLARE  WATER DISPOSAL
	Date of work completion:	CHANGE WELL STATUS PRODUCTION (STARTI/RES  COMMINGLE PRODUCING FORMATIONS RECLAMATION OF WELL S	
		CONVERT WELL TYPE RECOMPLETE - DIFFEREN	FORMATION
12.	DESCRIBE PROPOSED OR C	OMPLETED OPERATIONS. Clearly show all pertinent details including dates,	lepths, volumes, etc.
Ple	ease see attached list c	f wells, transferring operations to new operator SWEVC	O-SABW, LLC #N4155

President, Southwestern Energy Ventures Comp. NAME (PLEASE PRINT) Ezra Lee

**APPROVED** 

NOV 0 3 2014

DIV. OIL GAS & MINING (See Instructions on Reverse Side)
BY Dachol Modune

RECEIVED OCT 21 2014

DIV. OF OIL, GAS & MINING

UTAH				T										1								$\overline{}$			
API Well Number	Well Name	Operator	Well Status	Well Type					Field Name/Unit #	Surface	Mineral	Lease	County	Qtr/Qtr	Section	Township-Range	FNL/FSL		FEL/FWL	Latitue	le Longitude	Elev. 0	R TD	Unit#	PUMPER
					WI	NRI	RI	OR		Ownership	Lease	Number													1 1
OPERATED																									
Outside the Unit 43-019-30570	ARCO 27-1	SWEVCO-SABW SWEVCO-SABW	Producing	Gas Well	1,0000000	0.87500000	-		SAN ARROYO	Federal	Endoral	11 20645	CDAND	AllA/CIA/	27	160 255	1707		1200	A/ 20.304	6 100 1400	1 674	0 5700		lob-i-
43-019-31162	ARCO STATE 36-7	SWEVCO-SABW	Producing Producing	Gas Well		0.87500000		<del></del> -	EAST CANYON	Federal State	Federal State	U-29645 ML-22208		NWSW SWSE		16S-25E 15.5S-24E	1787 540	. s		N 39.384 E 39.453					Chris -
43-019-31192	ARCO STATE 36-8	SWEVCO-SABW	Producing	Gas Well		0.87500000	- 1	-	EAST CANYON	State	State	ML-22208		SWSW		15.5S-24E	945	Š		N 39.454			9 7490		Chris -
43-019-30240	ARCO STATE 2-1	SWEVCO-SABW	Producing			0.87500000	· .		EAST CANYON	State	State	ML-22208		NESE		16S-24E	2194	S			46 -109.2301				Chris
43-019-30241 43-019-30047	ARCO STATE 2-2 BITTER CREEK 1	SWEVCO-SABW	Producing	Gas Well		0.87500000 0.87500000		-	EAST CANYON	State	State	ML-22208		NWNW		16S-24E	769	N			95 -109.24212				Chris -
43-047-30765	BLACK HORSE CANYON FED 31-1	SWEVCO-SABW SWEVCO-SABW	Producing Producing	Gas Well Gas Well		0.84500000	<del> - :  </del>		SAN ARROYO BLACK HORSE CYN	State Federal	State Federal	ML-25151 U-14234	GRAND	SWSE NWSW	31	16S-25E 15S-24E	395 1820	8		E 39.438 N 39.467	7 -109.12413 36 -109.28001		2 7910		Chris
43-019-15884	FEDERAL 174 1	SWEVCO-SABW	Producing	Gas Well		0.84875000	-	-	SAN ARROYO	Federal	Federal	U-0126528		SESW	11	16S-25E	1285	S		W 39.426			7 5299		Chris
43-019-11089	FEDERAL GILBERT 1	SWEVCO-SABW	Producing	Gas Well	1.0000000	0.84500000	-	-	SAN ARROYO	Federal	Federal	U-0126528		SWNE	11	16S-25E	1700	N	1830	E 39.432					Chris
43-019-15023	BAR X UNIT 4	SWEVCO-SABW	Producing	Gas Well					BAR X	Federal	Federal	UTSL064807	GRAND	NENE	18	17S-26E	660	N	660	E 39.333	-109.0728	1 514	6 3599		Chris
43-019-30592	BAR X UNIT 11	SWEVCO-SABW	Producing	Gas Well					BAR X	Federal	Federal	UTSL064807	GRAND	NWNW	18	17S-26E	1319	N	1285	W 39.332	03 -109.0848	6 520	0 3466		Chris -
43-019-31371	BAR X UNIT 25	SWEVCO-SABW	Producing	Gas Well		1			BAR X	Federal	Federal	UTSL064806	GRAND	NWSE	12	17S-25E	1384	S	2165	E 39.339	65 -109.0968	4 527	3 3742		Chris 🗻
San Arroyo Unit	SAN APPOVO 1	CIA/EV/CO CARIA/	- 0000	Con Mari	1.0000000	0.00500000		0.00007700	CAN ADDOVO	Fadami	اجيجا	11.074007	L C C L L C	CENT	<b></b>	400.055	4710		0500		40 400 10:5	2 000	2 5005		Chris
43-019-16532 43-019-15892	SAN ARROYO 1 SAN ARROYO 11	SWEVCO-SABW SWEVCO-SABW	Shut-In Shut-In	Gas Well		0.82500000 0.80116538		0.00027708 0.00252986	SAN ARROYO SAN ARROYO	Federal Federal	Federal Federal	U-071307 U-05059C	GRAND GRAND		26 15	16S-25E 16S-25E	1712 1760	N S		N 39.389 N 39.413	43 -109.12453 49 -109.14544		3 5065		Chris
43-019-15893	SAN ARROYO 12	SWEVCO-SABW	Producing	<del></del>		0.80116538		0.00252986	SAN ARROYO	Federal	Federal	U-071307		SWSW		16S-25E	1140	s			34 -109.12949				Chris -
43-019-15894	SAN ARROYO 13	SWEVCO-SABW	Producing			0.80116538		0.00252986	SAN ARROYO	Federal	Federal	U-0370A		C-SW		16S-25E	1320	S	+		83 -109.14783				Chris -
43-019-15896	SAN ARROYO 16	SWEVCO-SABW	Producing			0.80116538		0.00252986	SAN ARROYO	Federal	Federal	U-0369		SESW		16S-25E	1125	S			76 -109.12746				Chris -
43-019-15897	SAN ARROYO 17	SWEVCO-SABW	Producing			0.80116538		0.00252986	SAN ARROYO	Federal	Federal	U-25243	GRAND			16S-25E	660	N N	940		76 -109.09956				Chris -
43-019-15898 43-019-15899	SAN ARROYO 18 SAN ARROYO 19	SWEVCO-SABW SWEVCO-SABW	Producing Producing			0.80116538 0.80116538		0.00252986 0.00252986	SAN ARROYO SAN ARROYO	Federal Federal	Federal Federal	U-06023 U-05011B		NWNW SWSE		16S-26E 16S-25E	660 820	N e	990 \ 1610		41 -109.09272 86 -109.12089				Chris -
43-019-15885	SAN ARROYO 2	SWEVCO-SABW	Shut-In	Gas Well		0.82500000		0.00027708	SAN ARROYO	Federal	Federal	U-0370A	GRAND			16S-25E	2420	N N	<del></del>		99 -109.14379				Chris -
43-019-15900	SAN ARROYO 20	SWEVCO-SABW	Producing			0.80116538	-	0.00252986	SAN ARROYO	Federal	Federal	U-071307		SENE		16S-25E	1360	N	170		25 -109.11553				Chris -
43-019-15901	SAN ARROYO 21	SWEVCO-SABW	Producing			0.80116538		0.00252986	SAN ARROYO	Federal	Federal	U-0369		NWSE		16S-25E	2066	S	2340		3 -109.1047				Chris
43-019-15902	SAN ARROYO 22	SWEVCO-SABW	Producing			0.80116538		0.00252986	SAN ARROYO	Federal	Federal	U-05011A	GRAND			16S-25E	1210	N	990		68 -109.13711				Chris
43-019-15903 43-019-15904	SAN ARROYO 24 SAN ARROYO 25	SWEVCO-SABW SWEVCO-SABW	Producing Producing			0.80116538 0.80116538		0.00252986	SAN ARROYO SAN ARROYO	Federal Federal	Federal Federal	U-06188 U-25244	GRAND GRAND			16S-26E 16S-25E	2450 1520	N N	1495 \ 1805	N 39.401 E 39.404	94 -109.09106 37 -109.15872				Chris
43-019-15905	SAN ARROYO 26	SWEVCO-SABW	Producing			0.80116538		0.00252986	SAN ARROYO	Federal	Federal	U-25297	GRAND			16S-26E	660	S	$\overline{\hspace{1cm}}$	N 39.396			0 4800		Chris -
43-019-15906	SAN ARROYO 27	SWEVCO-SABW	Producing			0.80116538		0.00252986	SAN ARROYO	Federal	Federal	U-06021	GRAND		29	16S-26E	1990	S		N 39.385					Chris ~
43-019-15907	SAN ARROYO 28	SWEVCO-SABW	Producing			0.80116538		0.00252986	SAN ARROYO	Federal	Federal	U-5650	GRAND		29	16S-26E	660	N	1980	E 39.392	25 -109.06591				Chris 🗸 💍
43-019-15908	SAN ARROYO 29	SWEVCO-SABW	Producing			0.80116538		0.00252986	SAN ARROYO	Federal	Federal	U-0307A	GRAND		22	16S-25E	1300	N N	195		92 -109.13429		9 5200		Chris -
43-019-15886 43-019-15909	SAN ARROYO 3 SAN ARROYO 30	SWEVCO-SABW SWEVCO-SABW	Producing Producing			0.80116538 0.80116538		0.00252986 0.00252986	SAN ARROYO SAN ARROYO	Federal Federal	Federal Federal	U-0307A U-05650	GRAND GRAND			16S-25E 16S-26E	1425 2600	N	<del></del>		B1 -109.12847 24 -109.05587		4 5460		Chris ~
43-019-30527	SAN ARROYO 31	SWEVCO-SABW	Shut-In			0.80116538		0.00252986	SAN ARROYO	Federal	Federal	U-03650 U-0370A	GRAND			16S-25E	1111	N N	<del></del>		67 -109.05567				Chris
43-019-30528	SAN ARROYO 32	SWEVCO-SABW	Producing			0.80116538		0.00252986	SAN ARROYO	Federal	Federal	U-05011B	GRAND			16S-25E	678	S	<del></del>		66 -109.13255				Chris -
43-019-30608	SAN ARROYO 33	SWEVCO-SABW	Producing	Gas Well	0.9717655	0.80116538		0.00252986	SAN ARROYO	Federal	Federal	U-0369	GRAND		25	16S-25E	634	S	728 \	N 39.381	5 -109.1126	596	6 4600		Chris -
43-019-15887	SAN ARROYO 4	SWEVCO-SABW	Producing		<del> </del>	0.80116538		0.00252986	SAN ARROYO	Federal	Federal	U-0369	GRAND			16S-26E	1080	<u> </u>			64 -109.09012				Chris ~
43-019-31301 43-019-31299	SAN ARROYO 44* SAN ARROYO 45*	SWEVCO-SABW SWEVCO-SABW	Producing Producing			0.20026781		0.00240052 0.00240052	SAN ARROYO SAN ARROYO	Federal Federal	Federal Federal	U-06023 U-05650	GRAND			16S-26E 16S-26E	1342 1482	N S	741 1866		33 -109.08018 13 -109.06575		5020 4786		Chris -
43-01931318-	SAN ARROYO 47*	SWEVCO-SABW	Producing			0.20026781		0.00240052	SAN ARROYO	Federal	Federal	U-06023	GRAND			16S-26E	600	N N	1 1 1 1 1		9 -109.08244	_	4505		Chris
43-019-31316	SAN ARROYO 49*	SWEVCO-SABW	Producing			0.20026781	-	0.00240052	SAN ARROYO	Federal	Federal	U-025245	GRAND			16S-26E	1300	N		N 39.390			4835		Chris
43-019-15888	SAN ARROYO 5	SWEVCO-SABW	Shut-In	Gas Well		0.82500000		0.00027708	SAN ARROYO	Federal	Federal	U-0369	GRAND	NWSE	25	16S-25E	2030	S	2290	E 39.385	2 -109.10452	2 587	8 4940		Chris 🕿
43-019-15889	SAN ARROYO 6	SWEVCO-SABW	Shut-In	Gas Well	1.0000000			0.00027708	SAN ARROYO	Federal	Federal	U-025244	GRAND			16S-25E	1940	N	1695	E 39.403		<del></del>	8 6510		Chris -
43-019-15890 43-019-15891	SAN ARROYO 8 ISAN ARROYO 9	SWEVCO-SABW	Producing Producing			0.80116538 0.80116538		0.00252986	SAN ARROYO SAN ARROYO	State Federal	Federal Federal	U-0369 U-0370A	GRAND			16S-25E	1110	S N			72 -109.16659 35 -109.13923		0 5870		Chris -
43-019-11090	ISAN ARROYO U 35	SWEVCO-SABW SWEVCO-SABW	Producing	+	0.9717655	<del>}</del>	$\overline{}$	0.00252986	SAN ARROYO	Federal	Federal	U-0370A U-0369	GRAND			16S-25E 16S-25E	990 852	N S	1600 1		35   -109.13923 57   -109.10928				Chris »
43-019-31251	SAN ARROYO U 36-A	SWEVCO-SABW	Producing		0.9717655			0.00252986	SAN ARROYO	Federal	Federal	U-06188	GRAND		19	16S-26E	1305	S	870	E 39.397			5364		Chris _
43-019-31252	SAN ARROYO U 37	SWEVCO-SABW	Producing	Gas Well	0.9717655	0.80116538		0.00252986	SAN ARROYO	Federal	Federal	U-5650	GRAND	SWNE	20	16S-26E	1977	N	1619	E 39.403	08 -109.06474	4	5210		Chris
43-019-31253	SAN ARROYO U 38	SWEVCO-SABW	Producing			0.80116538		0.00252986	SAN ARROYO	State	State	ML-4113	GRAND			16S-25E	1879	N	1827		87 -109.15885				Chris 🗻
43-019-31250	SAN ARROYO U 40 -	SWEVCO-SABW	Shut-In Producing			0.82500000		0.00027708	SAN ARROYO	Federal	Federal	U-0370A	GRAND			16S-25E	739	N N	1443		02 -109.13865		6400		Chris
	SAN ARROYO U 41* SAN ARROYO U 42*	SWEVCO-SABW SWEVCO-SABW				0.20026781 0.20026781		0.00240052 0.00240052		Fee (Private) Federal	Federal	ML-4668 U-06023		NENE NESE		16S-25E 16S-26E	304 2029	N S			72 -109.09987 07 -109.07966		4774 4803		Chris -
	SAN ARROYO U 43*	SWEVCO-SABW				0.20026781		0.00240052		Federal	Federal	U-06021		NESE		16S-26E	1393	S			35 -109.06331		4445		Chris ~
	SAN ARROYO 1625-220	SWEVCO-SABW	Shut-In			0.82500000		0.00027708			Federal			SWSE			946				83 -109.0822				
		1													<u> </u>							1.55			
	RATED BY LONE MOUNTAIN									<del> </del>			ļ		-				-						ļ
50 total wells SA Unit Agreement	# 14-08001-3859			-				-		+			+	-			-		+						
om. Agreement		1		1		ı							1	L		L									

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DIV. OF OIL, GAS & MINING

# **STATE OF UTAH**

	DIVISION OF OIL, GAS AND M		5. LEASE DESIGNATION AND SERIAL NUMBER: See Attached
SUNDR'	Y NOTICES AND REPORT	S ON WELLS	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
Do not use this form for proposals to drill drill horizontal  1. TYPE OF WELL  OIL WELL	7. UNIT or CA AGREEMENT NAME: See Attached 8. WELL NAME and NUMBER: See Attached		
2. NAME OF OPERATOR:	9. API NUMBER:		
SWEVCO-SABW, LLC  3. ADDRESS OF OPERATOR:	Operator #	PHONE NUMBER:	Attached  10. FIELD AND POOL, OR WILDCAT:
	TY Loveland STATE CO ZI		
4. LOCATION OF WELL  FOOTAGES AT SURFACE: See A	uttached		COUNTY: See Attached
QTR/QTR, SECTION, TOWNSHIP, RAI	NGE, MERIDIAN:		STATE: UTAH
11. CHECK APP	ROPRIATE BOXES TO INDICA	TE NATURE OF NOTICE, REPO	ORT, OR OTHER DATA
TYPE OF SUBMISSION		TYPE OF ACTION	
NOTICE OF INTENT (Submit in Duplicate)  Approximate date work will start:	ACIDIZE  ALTER CASING  CASING REPAIR	DEEPEN FRACTURE TREAT NEW CONSTRUCTION	REPERFORATE CURRENT FORMATION SIDETRACK TO REPAIR WELL TEMPORARILY ABANDON
SUBSEQUENT REPORT (Submit Original Form Only)  Date of work completion:	CHANGE TO PREVIOUS PLANS  CHANGE TUBING  CHANGE WELL NAME  CHANGE WELL STATUS  COMMINGLE PRODUCING FORMATIONS  CONVERT WELL TYPE	✓ OPERATOR CHANGE	TUBING REPAIR  VENT OR FLARE  WATER DISPOSAL  WATER SHUT-OFF  OTHER:
Please see attached list of Effective day BLM Bond:	·	pertinent details including dates, depths, volum	•
NAME (PLEASE PRINT) Kellie Diff	endaffer Willeh	TITLE Accounting Man	ager ,
This space for State use only)	-0511/50	AP	PROVED

(5/2000)

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DIV. OF OIL, GAS & MINING

(See Instructions on Reverse Side)

NOV 0 3 2014 DIV. OIL GAS & MINING BY: Rachel Medina

UTAH																									
	Well Name	Operator	Well Status V	Well Type	wı	NRI	RI	OR	Field Name/Unit #	Surface Ownership	Mineral Lease	Lease Number	County	Qtr/Qtr	Section	Township-Range	FNL/FSL		FEL/FWL		Latitude	Longitude	Elev. GR TD	Unit#	PUMPER
OPERATED																	ļ								
Outside the Unit 43-019-30570	ARCO 27-1	SWEVCO-SABW SWEVCO-SABW	Producing (	Gas Well	1.0000000	0.87500000	<del></del>	<del> </del>	SAN ARROYO	Federal	Federal	U-29645	GRAND	NWSW	27	16S-25E	1787	S	1200	<del>l</del> w	39.3846	-109.14821	6740 5700		Chris
43-019-31162	ARCO STATE 36-7	SWEVCO-SABW		Gas Well	1.0000000		-	<del></del>	EAST CANYON	State	State	ML-22208		SWSE		15.5S-24E	540	s	1550	E	39.45341	-109.21341			Chris
43-019-31192	ARCO STATE 36-8	SWEVCO-SABW		Gas Well	1.0000000	0.87500000	-	<u> </u>	EAST CANYON	State	State	ML-22208	GRAND			15.5S-24E	945	S	850	W	39.45468	-109.22361	7789 7490		Chris
43-019-30240	ARCO STATE 2-1	SWEVCO-SABW		Gas Well	1.0000000	0.87500000	-	-	EAST CANYON	State	State	ML-22208	GRAND			16S-24E	2194	S	991	L E	39.44346	-109.23015			Chris
43-019-30241	ARCO STATE 2-2	SWEVCO-SABW		Gas Well		0.87500000	-	-	EAST CANYON	State	State	ML-22208		NWNW		16S-24E	769	N N	857	<u> </u>	39.44995	-109.24212		<del></del>	Chris
43-019-30047 43-047-30765	BITTER CREEK 1	SWEVCO-SABW		Gas Well		0.87500000 0.84500000		<del>-</del> -	SAN ARROYO BLACK HORSE CYN	State	State	ML-25151 U-14234		NWSW		16S-25E	395	S	2530 500	E	39.4387 39.46736	-109.12413 -109.28001			Chris
43-047-30765 43-019-15884	BLACK HORSE CANYON FED 31-1 FEDERAL 174 1	SWEVCO-SABW SWEVCO-SABW		Gas Well Gas Well		0.84875000		-	SAN ARROYO	Federal Federal	Federal Federal	U-0126528		SESW		15S-24E 16S-25E	1820 1285	1 - 2 -	2090	<del>  \</del>	39.42669	-109.28001			Chris Chris
43-019-11089	FEDERAL GILBERT 1	SWEVCO-SABW	Producing (			0.84500000	-	<del>                                     </del>	SAN ARROYO	Federal	Federal	U-0126528		SWNE		16S-25E	1700	N N	1830	E	39.4329	-109.12144			Chris
43-019-15023	BAR X UNIT 4	SWEVCO-SABW		Gas Well		0.01.00000		<del>†</del>	BAR X	Federal	Federal	UTSL064807	GRAND		18	17Ş-26E	660	N	660	E	39.33379	-109.07281			Chris
43-019-30592	BAR X UNIT 11	SWEVCO-SABW		Gas Well					BAR X	Federal	Federal	UTSL064807	GRAND	+	18	17S-26E	1319	N	1285	w	39.33203	-109.08486	5200 3466		Chris
43-019-31371	BAR X UNIT 25	SWEVCO-SABW		Gas Well				1	BARX	Federal	Federal	UTSL064806	GRAND		12	17S-25E	1384	s	2165	E	39.33965	-109.09684			Chris
San Arroyo Unit	D/4(X 0/4) 20	SVIEVOO SVIBIT	, roddaing	000 11011				1	- Brack		1 000.0.	0102001000	10.02	1	<del>  '-</del>	110202	1	<del>                                     </del>		<del>                                     </del>	30,0000		52.0		Chris
43-019-16532	SAN ARROYO 1	SWEVCO-SABW	Shut-In (	Gas Well	1.0000000	0.82500000	-	0.00027708	SAN ARROYO	Federal	Federal	U-071307	GRAND	SENW	26	16S-25E	1712	N	2566	W	39.38943	-109.12453	6033 5065		Chris
43-019-15892	SAN ARROYO 11	SWEVCO-SABW	Shut-In (	Gas Well	0.9717655	0.80116538	-	0.00252986	SAN ARROYO	Federal	Federal	U-05059C	GRAND	NESW	15	16S-25E	1760	S	1990	W	39.41349	-109.14544	7524 6367		Chris
43-019-15893	SAN ARROYO 12	SWEVCO-SABW		Gas Well	0.9717655		-	0.00252986	SAN ARROYO	Federal	Federal	U-071307	GRAND			16S-25E	1140	S	1220	W	39.39734				Chris
43-019-15894	SAN ARROYO 13	SWEVCO-SABW		Gas Well			-	0.00252986		Federal	Federal	U-0370A		C-SW		16S-25E	1320	S	1320	W	39.39783	-109.14783		<del></del>	Chris
43-019-15896	SAN ARROYO 16	SWEVCO-SABW		Gas Well		0.80116538	-	0.00252986	SAN ARROYO	Federal	Federal	U-0369	GRAND	SESW		16S-25E	1125 660	S	1790	W	39.38276 39.40676	-109.12746			Chris
43-019-15897 43-019-15898	SAN ARROYO 17 SAN ARROYO 18	SWEVCO-SABW SWEVCO-SABW		Gas Well Gas Well	0.9717655 0.9717655	0.80116538 0.80116538		0.00252986	SAN ARROYO SAN ARROYO	Federal Federal	Federal Federal	U-25243 U-06023		NENE		16S-25E 16S-26E	660	N N	940	W	39.40676	-109.09956 -109.09272	5983 5003 5778 4128		Chris
43-019-15899	ISAN ARROYO 19	SWEVCO-SABW		Gas Well		0.80116538		0.00252986	SAN ARROYO	Federal	Federal	U-05011B	GRAND			16S-25E	820	S	1610	F	39.41086	-109.12089			Chris
43-019-15885	SAN ARROYO 2	SWEVCO-SABW		Gas Well	1.0000000	0.82500000	<del></del>	0.00027708	SAN ARROYO	Federal	Federal	U-0370A	GRAND			16S-25E	2420	<del>N</del>	2430	<del>  w</del>	39.40199	-109.14379			Chris
43-019-15900	SAN ARROYO 20	SWEVCO-SABW				0.80116538	-	0.00252986	SAN ARROYO	Federal	Federal	U-071307	GRAND			16S-25E	1360	N	170	E	39.39025	-109.11553	6855 5457		Chris
43-019-15901	SAN ARROYO 21	SWEVCO-SABW	Producing (	Gas Well	0.9717655	0.80116538	-	0.00252986	SAN ARROYO	Federal	Federal	U-0369	GRAND	NWSE	25	16S-25E	2066	S	2340	E	39.3853	-109.1047	5878 4299		Chris
43-019-15902	SAN ARROYO 22	SWEVCO-SABW					-	0.00252986	SAN ARROYO	Federal	Federal	U-05011A	GRAND			16S-25E	1210	N	990	E	39.41968	-109.13711			Chris
43-019-15903	SAN ARROYO 24	SWEVCO-SABW					-	0.00252986	SAN ARROYO	Federal	Federal	U-06188		SENW		16S-26E	2450	N	1495		39.40194	-109.09106			Chris
43-019-15904	SAN ARROYO 25	SWEVCO-SABW			0.9717655			0.00252986	SAN ARROYO	Federal	Federal	U-25244	GRAND			16S-25E	1520	N	1805		39.40437	-109.15872		<del></del>	Chris
43-019-15905	SAN ARROYO 26	SWEVCO-SABW			0.9717655		-	0.00252986	SAN ARROYO	Federal	Federal	U-25297	GRAND			16S-26E	660	+ <u>s</u>	660	W	39.39603	-109.07543			Chris
43-019-15906 43-019-15907	SAN ARROYO 27 SAN ARROYO 28	SWEVCO-SABW SWEVCO-SABW			0.9717655 0.9717655		-	0.00252986	SAN ARROYO SAN ARROYO	Federal Federal	Federal Federal	U-06021 U-5650	GRAND	NESW		16S-26E 16S-26E	1990 660	S N	2100 1980		39.3851 39.39225	-109.07027 -109.06591			Chris Chris
43-019-15907	SAN ARROYO 29	SWEVCO-SABW			0.9717655			0.00252986	SAN ARROYO	Federal	Federal	U-0307A	GRAND			16S-25E	1300	N N	1950	F	39.40492	-109.03391			Chris
43-019-15886	SAN ARROYO 3	SWEVCO-SABW		Gas Well		0.80116538	-	0.00252986	SAN ARROYO	Federal	Federal	U-0307A	GRAND			16S-25E	1425	N N	1450	<del>  w</del>	39.40481	-109.12847			Chris
43-019-15909	SAN ARROYO 30	SWEVCO-SABW		Gas Well	0.9717655		-	0.00252986	SAN ARROYO	Federal	Federal	U-05650	GRAND			16S-26E	2600	S	900	W	39.40124	-109.05587			Chris
43-019-30527	SAN ARROYO 31	SWEVCO-SABW	Shut-In (	Gas Well	0.9717655	0.80116538	-	0.00252986	SAN ARROYO	Federal	Federal	U-0370A	GRAND			16S-25E	1111	N	913	W	39.40567	-109.14907	7742 6071		Chris
43-019-30528	SAN ARROYO 32	SWEVCO-SABW	Producing (	Gas Well	0.9717655	0.80116538	-	0.00252986	SAN ARROYO	Federal	Federal	U-05011B		SWSW		16S-25E	678	S	370		39.41066	-109.13255	6325 4964		Chris
43-019-30608	SAN ARROYO 33	SWEVCO-SABW			0.9717655			0.00252986	SAN ARROYO	Federal	Federal	U-0369	GRAND			16S-25E	634	S	728	W	39.3815	-109.1126			Chris
43-019-15887	SAN ARROYO 4	SWEVCO-SABW			0.9717655		-	0.00252986	SAN ARROYO		Federal	U-0369	GRAND			16S-26E	1080	<u>S</u>	1800	W	39.38264		5735 4860		Chris
43-019-31301	SAN ARROYO 44*	SWEVCO-SABW		Gas Well			-	0.00240052	SAN ARROYO SAN ARROYO	Federal Federal	Federal Federal	U-06023 U-05650	GRAND GRAND			16S-26E 16S-26E	1342 1482	N e	741 1866	+ =	39.39033 39.39813	-109.08018 -109.06575	5020 4786		Chris
43-019-31299 43-01931318-	SAN ARROYO 45* SAN ARROYO 47*	SWEVCO-SABW SWEVCO-SABW		Gas Well Gas Well	0.2429414 0.2429414	0.20026781	<del>                                     </del>	0.00240052	SAN ARROYO SAN ARROYO	Federal	Federal	U-06023	GRAND			16S-26E	600	N	1400	F F	39.3779	-109.06575	4/86		Chris
43-019-31316	SAN ARROYO 47	SWEVCO-SABW		Gas Well		0.20026781	<del>-</del>	0.00240052	SAN ARROYO	Federal	Federal	U-025245		NENW		16S-26E	1300	N N	1666		39.39059	-109.07165	4835		Chris
43-019-15888	SAN ARROYO 5	SWEVCO-SABW	<del>`</del>	Gas Well	1.0000000	0.82500000	<del>  -</del>	0.00027708	SAN ARROYO	Federal	Federal	U-0369	GRAND			16S-25E	2030	S	2290	E	39.3852	-109.10452	1000		Chris
43-019-15889	SAN ARROYO 6	SWEVCO-SABW		Gas Well	1.0000000	0.82500000		0.00027708	SAN ARROYO	Federal	Federal	U-025244	GRAND	SWNE	21	16S-25E	1940	N	1695	E_E	39.40321	-109.15836			Chris
43-019-15890	SAN ARROYO 8	SWEVCO-SABW		Gas Well		0.80116538	-	0.00252986	SAN ARROYO	State	Federal	U-0369	GRAND			16S-25E	1110	S	1310	W	39.41172	-109.16659			Chris
43-019-15891	SAN ARROYO 9	SWEVCO-SABW				0.80116538	-	0.00252986	SAN ARROYO	Federal	Federal	U-0370A	GRAND			16S-25E	990	N	1600		39.39135	-109.13923			Chris
43-019-11090	SAN ARROYO U 35	SWEVCO-SABW			0.9717655			0.00252986	SAN ARROYO	Federal	Federal	U-0369	GRAND			16S-25E	852	<u>s</u>	1668		39.39657	-109.10928			Chris
43-019-31251	SAN ARROYO U 36-A	SWEVCO-SABW			0.9717655		<del></del>	0.00252986	SAN ARROYO	Federal	Federal	U-06188 U-5650		SESE		16S-26E	1305 1977	S	870 1619		39.39761 39.40308	-109.08081 -109.06474	5364 5210		Chris
43-019-31252 43-019-31253	SAN ARROYO U 37 SAN ARROYO U 38	SWEVCO-SABW SWEVCO-SABW		Gas Well Gas Well	0.9717655 0.9717655	0.80116538 0.80116538	-	0.00252986 0.00252986	SAN ARROYO SAN ARROYO	Federal State	Federal State	U-5650 ML-4113		SWNE		16S-26E 16S-25E	1977	N N	1827		39.40308		7636 7053		Chris Chris
43-019-31253 43-019-31250	SAN ARROYO U 40	SWEVCO-SABW		Gas Well	1.0000000	0.82500000	<del> </del>	0.00252986	SAN ARROYO	Federal	Federal	U-0370A	GRAND			16S-25E	739	N N	1443		39.39202	-109.13865	6400		Chris
43-019-31289	ISAN ARROYO U 41*	SWEVCO-SABW		Gas Well			<del>                                     </del>	0.00027708	SAN ARROYO	Fee (Private)		ML-4668	GRAND			16S-25E	304	N	1038	Ē	39.37872	-109.09987	4774		Chris
43-019-31290	SAN ARROYO U 42*	SWEVCO-SABW		Gas Well	0.2429414	0.20026781	-	0.00240052	SAN ARROYO	Federal	Federal	U-06023	GRAND			16S-26E	2029	S	555	Ē	39.38507	-109.07966	4803		Chris
43-019-31291	SAN ARROYO U 43*	SWEVCO-SABW		Gas Well	0.2429414	0.20026781	-	0.00240052	SAN ARROYO	Federal	Federal	U-06021	GRAND	+	29	16S-26E	1393	S	1177	E	39.38335	-109.06331	4445		Chris
43-019 31580	SAN ARROYO 1625-220	SWEVCO-SABW		Gas Well		0.82500000	-	0.00027708	SAN ARROYO	Federal	Federal	UTU0307-A	GRAND			16S-25E	946	s	1424	E	39.23483		7567.5 6653	UTU 63022X	
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																				I					
	RATED BY LONE MOUNTAIN																			ļ					
0 total wells										<b>_</b>					ļ			1			-				+
SA Unit Agreement	t # 14-08001-3859	1					L	<u> </u>	1	<u> </u>			1	1		1		<u> </u>							

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DIV. OF OIL, GAS & MINING

Sundry Number: 57154 API Well Number: 43037306900000

		kan menanan unuan 400 di Kandadahan menganya Pakanda albah semeran cara carpan Pakhir dan bebasar adar sungan kapa Se	FORM 9					
	STATE OF UTAH DEPARTMENT OF NATURAL RESOURCE	S						
ا	5.LEASE DESIGNATION AND SERIAL NUMBER: UTU-31928							
SUNDF	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:							
Do not use this form for pro current bottom-hole depth, FOR PERMIT TO DRILL forr	7.UNIT OF CA AGREEMENT NAME: TIN CUP MESA							
1. TYPE OF WELL Water Injection Well	8. WELL NAME and NUMBER: TIN CUP MESA 1-25							
2. NAME OF OPERATOR: MAR/REG OIL COMPANY	9. API NUMBER: 43037306900000							
3. ADDRESS OF OPERATOR: PO Box 18148, Reno, NV,		PHONE NUMBER: Ext	9. FIELD and POOL or WILDCAT: TIN CUP MESA					
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1950 FNL 0790 FWL			COUNTY: SAN JUAN					
QTR/QTR, SECTION, TOWNS Qtr/Qtr: SWNW Section:	HIP, RANGE, MERIDIAN: 25 Township: 38.0S Range: 25.0E Meridi	an: S	STATE: UTAH					
11. CHEC	K APPROPRIATE BOXES TO INDICATE	NATURE OF NOTICE, REPOR	RT, OR OTHER DATA					
TYPE OF SUBMISSION		TYPE OF ACTION						
	ACIDIZE [	ALTER CASING	CASING REPAIR					
Approximate date work will start:	CHANGE TO PREVIOUS PLANS	CHANGE TUBING	CHANGE WELL NAME					
4/30/2014	CHANGE WELL STATUS	COMMINGLE PRODUCING FORMATIONS	CONVERT WELL TYPE					
SUBSEQUENT REPORT	DEEPEN	FRACTURE TREAT	NEW CONSTRUCTION					
Date of Work Completion:	OPERATOR CHANGE	PLUG AND ABANDON	PLUG BACK					
	PRODUCTION START OR RESUME	RECLAMATION OF WELL SITE	RECOMPLETE DIFFERENT FORMATION					
SPUD REPORT Date of Spud:	REPERFORATE CURRENT FORMATION	SIDETRACK TO REPAIR WELL	TEMPORARY ABANDON					
	TUBING REPAIR	VENT OR FLARE	WATER DISPOSAL					
☐ DRILLING REPORT	☐ WATER SHUTOFF [	SI TA STATUS EXTENSION	APD EXTENSION					
Report Date:	WILDCAT WELL DETERMINATION	OTHER	OTHER: Request for Extension					
12. DESCRIBE PROPOSED OR	COMPLETED OPERATIONS. Clearly show al	I pertinent details including dates.						
Request an extens	sion to conduct remedial work	c. Request extension to	April 30, 2015. Operator will					
n	nonitor casing pressure week	ly and file pressure rep	ort monthly.					
			COPY SENT TO OPERATOR					
	Approved by the		11.3.2014					
	Utah Division of		A Market V S					
	Oil, Gas and Mining		miner:					
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D	ate: 10/3/ //4							
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NAME (PLEASE PRINT) Tariq Ahmad	<b>PHONE NUMBE</b> 775 852-7444	R TITLE Petroleum Engineer						
SIGNATURE N/A		<b>DATE</b> 10/29/2014						